

Widening Impacts

Spring 2025 Webinar Series



Carbonica

Carbon Initiative for
Climate-resilient Agriculture

CARBONICA's Story

From Idea Conception to Post-Project Ambitions and Vision

Date: Friday, 28 Mar. 2025

Time: 10:00 – 11:00 CET

Presenter: Grigoris Chatzikostas, Partner [reframe.food](#)

Registration: [Link](#)

Abstract: *CARBONICA: Carbon Initiative for Climate-resilient Agriculture* is a European Union Excellence Hubs (EH) project funded under the Horizon WIDERA call. The objectives for this webinar are to:

- Support the formation of an EH Community;
- Increase awareness of and support for CARBONICA specifically, and EH projects and the Widening Programme more generally;
- Catalyze new collaborations;
- Disseminate best-practices and lessons-learned from elaborating the CARBONICA proposal and executing the CARBONICA project.

The primary target audiences are:

- Other EH projects and their external stakeholders;
- Stakeholders accelerating the green transition of the agro-food sector;
- Stakeholders for the EU Widening Program, including those with interests / activities in writing EU proposals and executing EU projects.

The webinar will begin with the proposal background that led to the CARBONICA concept and consortium creation, cover the development of the proposal and execution of the project to date, and conclude with the post-project ambitions and vision. The webinar will include key characteristics of the project including lessons-learned and how the consortium will convert the challenges into solutions. The webinar is intended to consist of a ~35 min. presentation and ~15 min. of Q&A and open discussion.



CARBONICA has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No. 101087233. Views and opinions expressed are those of the project only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.

About CARBONICA

Keywords: Carbon Footprint; Agriculture; Climate Mitigation; Carbon Farming.

Summary: Agriculture is an important economic sector in the EU. It is also an important source of greenhouse gas (GHG) emissions. As such, the EU is committed to reducing agricultural GHG emissions. However, success hinges on the synergy among all stakeholders in the quadruple helix model of innovation that covers science, policy, industry and society. In this context, the EU-funded CARBONICA project will establish an Excellence Hub connecting the innovation ecosystems of Cyprus, Greece and North Macedonia. It will also increase their capacity as service providers based on advanced technologies such as Earth Observation, in situ data and digital agriculture. CARBONICA will provide access to excellence to all relevant stakeholders and reinforce regional innovation.

Objectives: The continuous increase of the scope and the scale of the anthropogenic activities in which agriculture plays a significant role contributes to a rapid negative impact on the carbon cycle. The impact of agriculture on CO₂ emissions will be further increased, considering that the world population will reach 9.7 billion by 2050. The EU has committed to mitigate the carbon footprint from agriculture as described in the CAP (Objective 4), the European Green Deal and its flagship strategies, the Farm to Fork and the Biodiversity strategies. The efficiency of these carbon footprint from agriculture strategies will be mainly determined by the synergy amongst all stakeholders (policy, industry, academia, civil society) in the quadruple helix within the place-based innovation ecosystems. The widening countries involved in this project, Cyprus, Greece and North Macedonia, as part of the Balkan-Mediterranean region, are heavily impacted by climate change. To achieve these targets an inter- and transdisciplinary approach is required to integrate the expertise and knowledge of all relevant stakeholders and a place-based perspective and design needs-based carbon farming solutions (practices and technologies) as well as strict policies to foster shifts towards a Climate-resilient Agriculture.

The main objective of this project is to establish CARBONICA Excellence Hub by connecting the innovation ecosystems of Cyprus, Greece and North Macedonia, while enhancing their TRL as service providers, based on cutting-edge technologies (Earth Observation – EO; in situ data; digital agriculture etc.) in carbon farming. The main scope is to establish access to excellence to all relevant stakeholders in the QH of the WC, as well as strengthen regional innovation capacity guided by long-term joint R&I strategy in the carbon farming field.

Follow, More Information, and Contact:

LinkedIn: <https://www.linkedin.com/company/carbonicaproject-eu/>

Project Website: <https://carbonica-hub.eu/>

EU Cordis Website: <https://cordis.europa.eu/project/id/101087233>

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About the Widening Impacts Spring 2025 Webinar Series

Background: The Widening Impacts Spring 2025 Webinar Series was seeded by the SolarHub Excellence Hubs project with an overall aim to increase the impacts of EU Widening Projects by creating a platform for Widening Projects to showcase their capacities, activities, and impacts to a large and diverse set of key stakeholders for the EU's Widening Program. The webinar series' specific objectives are to

- Catalyze inter-project collaborations;
- Create new opportunities by reaching new audiences;
- Increase ecosystem and hub knowledgeability;
- Gain competitive advantage by sharing knowledge & best-practices;
- Better exploit project results and improve project impacts;
- Achieve critical mass when engaging with key funding and policy decision makers at institutional, regional, and national levels.

Watch Completed Spring 2025 Webinars:

Jan. 31 SolarHub's Story: From Idea Conception to Post-Project Ambitions and Vision

[Watch](#) SolarHub is a Greek-Turkish Solar Energy Excellence Hub to Advance the European Green Deal

Feb. 21 FINEST Centre: From Idea Conception to Post-Project Ambitions and Vision

[Watch](#) FinEst Centre is a Teaming Project to Establish a Smart City Center of Excellence

Mar. 7 COALition: From Idea Conception to Post-Project Ambitions and Vision

[Watch](#) Promoting Innovation Excellence in Transformation of Coal Regions to Climate-Neutral, Thriving Economies

Mar. 14 INNO2MARE: From Idea Conception to Post-Project Ambitions and Vision

[Watch](#) Strengthening the capacity for excellence of Slovenian and Croatia innovation ecosystems to support the digital and green transitions of maritime regions

Webinars To Be Scheduled: The following projects have indicated their interest in organizing a webinar, where the dates and times for these webinars are *To Be Determined*.

ADDIT-CE Alzheimer's Disease Diagnostics Innovation and Translation to Clinical Practice in Central Europe

BCThubs Blue Culture Technology Excellence Hubs in EU Widening Member States

CHES Cyber-security Excellence Hub in Estonia and South Moravia

DxHub Connecting Greek and Portuguese Innovation Ecosystems to Develop a Hub for Infectious Disease Diagnostic Solutions at the Point-of-Care-Tackling Cross-Border Threats

ECHO Energy Communities excellence Hubs: catalyzing energy innovation ecosystems

Excel4Pro Strengthening the Capacity of Excellence Hubs of Türkiye, Greece, and Ukraine to Support Innovation Ecosystem of Novel Foods Based on Plant Proteins

GeneH Excellence Hub for Innovation in Gene Therapy

GlaCerHub Glass ceramic innovation ecosystem for implementation of new research directions in applications

HERIFORGE Cultural heritage and immersive technologies for innovation forge

LASER-PRO Excellent laser technologies for the Sustainable Prosperity of Europe

MarTe Marine Technology Excellence Hub for sustainable blue economy in Baltics

VELES Strengthening the South-East Europe Smart Health Regional Excellence and Boosting the Innovation Potential

Additional Webinars: If this webinar series proves successful, it will be opened to other Widening and Widening-Relevant Projects with an ambition to *Leave No Widening Project Behind*.

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YouTube Channel: <http://www.youtube.com/@WideningImpacts>

LinkedIn: www.linkedin.com/company/wideningimpacts

Email List*: <https://groups.google.com/g/wideningimpacts>

*At most 1 email/week using Google Groups

Website: <http://www.wideningimpacts.eu>

Contact: Derek Baker, derek.baker@odtugunam.org



Supporting Projects: The Widening Impacts Spring 2025 Webinar series is supported by the following cluster of Excellence Hubs (EH) projects working to create an EH Community, with all projects being funded by the European Union's Horizon Europe research and innovation program with GA number in parentheses: ADDIT-CE (101087124); BCThubs (101087146); CARBONICA (101087233); CHAngeing (101087071); CHESS (101087529); COALition (101087022); DxHub (101186531); ECHO (101185725); Excel4Pro (101186662); GeneH (101186939); GlaCerHub (101087154); HERIFORGE (101186573); INNO2MARE (101087348); LASER-PRO (101186838); MarTe (101186498); METACITIES (101087257); SolarHub (101086110); VELES (101087483); WaterWise (101184151).

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