



# Overview of the CARBONICA Excellence Hub



Carbonica

[carbonica-hub.eu](http://carbonica-hub.eu)

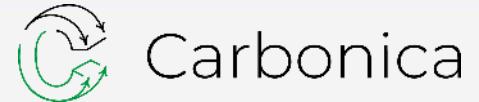
“Carbon Farming: Benefits in the  
Mediterranean region”  
Thessaloniki | 10 December 2025

**Organisation: reframe.food**  
**Name: Thanos Arampatzis**





# CARBONICA At a glance

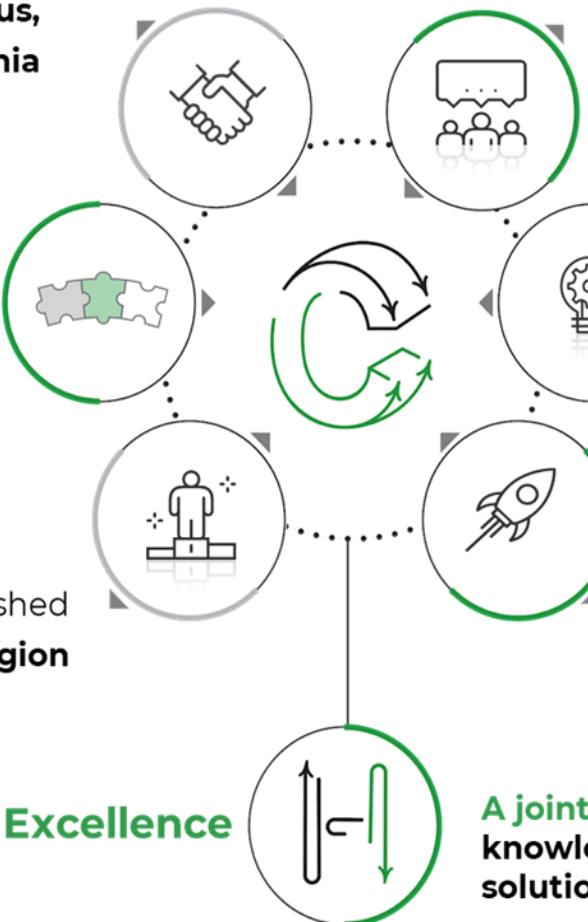


**14** project partners from **Cyprus, Greece & North Macedonia**

**Map & enhance the 3 PBIES**  
Involvement of **policy, industry, academia & civil society**

**1** Excellence Hub established in the **widening region**

What is the **Carbonica Excellence Hub**?



**More than 1000** participants in the **training modules and workshops**

**20 experts** participating in **brain gain activities**

**More than 30** start-ups and SMEs participating in Carbonica's **accelerator** and benefiting from **business development services**

A joint strategic partnership aims to increase knowledge and capacity on **carbon farming solutions** and uptake.



**CARBON 4  
SOIL QUALITY**

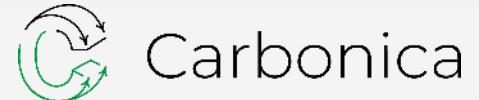
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# CARBONICA Consortium



## Greece

Coordinator:



**SCIENTACT** s.a.



# CARBONICA Consortium

## North Macedonia



## Cyprus



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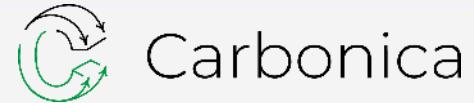
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# CARBONICA 3 ecosystems



## North Macedonia Pilot Sites:

Annual crops: Barley, Chickpeas, Corn, Sunflowers  
Permanent crops: Vine



North Macedonia

## Greece Pilot Sites:

Annual crops: Broccoli  
Permanent crops: Apple, Peach, Olive, Vine



Greece

## Cyprus Pilot Sites:

Annual crops: Cereals, Potatoes  
Permanent crops: Vine, Olive, Citrus



Cyprus

- Business development
- Virtual infrastructure for support in business development
- Policy recommendations
- Dissemination, Exploitation & Communication activities
- Toolbox of Carbon Farming solutions
- Certification and Accreditation protocols
- CARBONICA Academy
- Brain gain strategies
- Pilots and demonstrators



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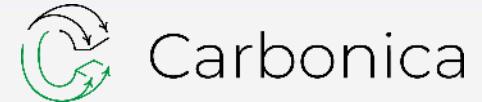
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# CARBONICA Impacts/Achievements



- 1 **Lab prototype** developed for carbon farming solutions
- 2 CARBONICA's **field diagnostic toolbox validated** on various crops
- 3 CARBONICA **Academy** launched
- 4 2 Policy **white papers** produced
- 5 >50 Participation in **high-impact events** (e.g., Feedback to Policy workshop, EH Coordinators' Day)



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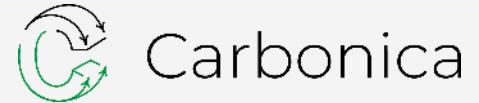
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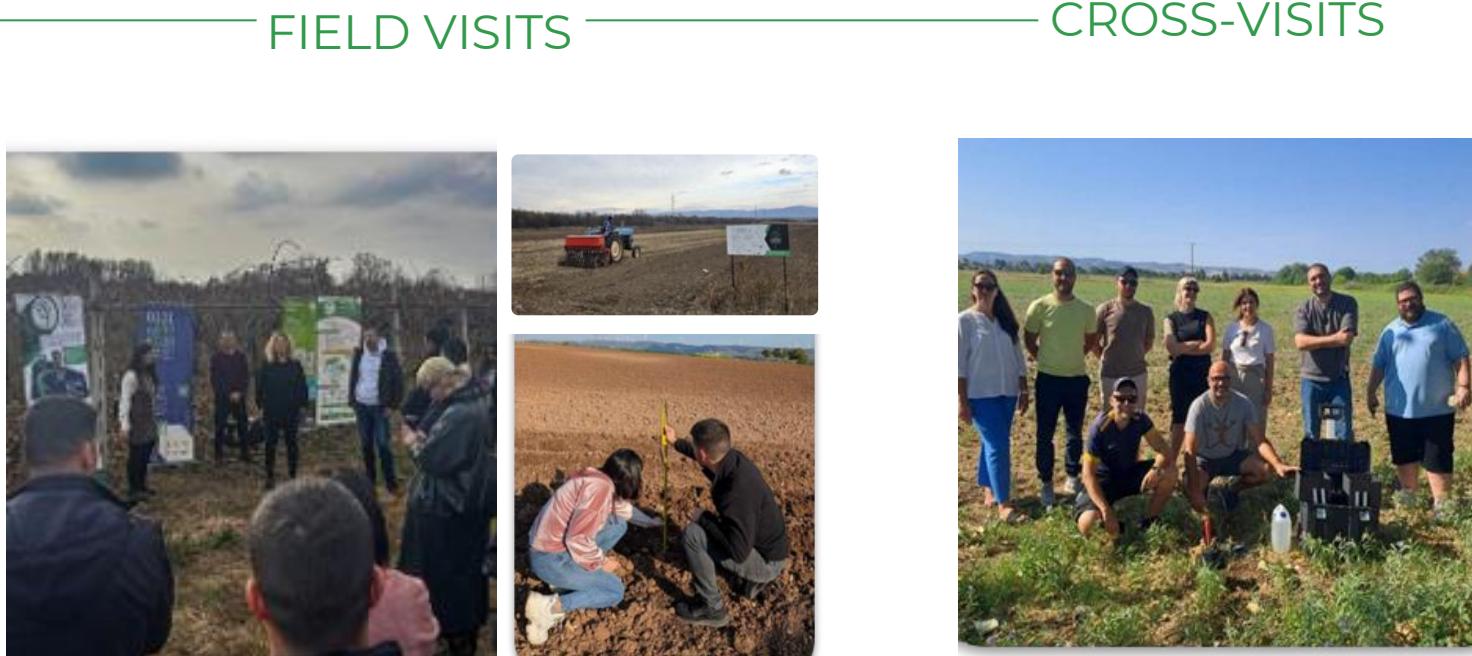
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# CARBONICA Impacts/Achievements



## ROUNDTABLE DISCUSSIONS



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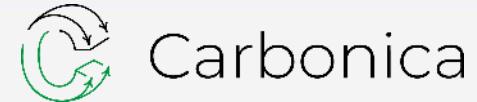
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# CARBONICA Collaboration & Synergies



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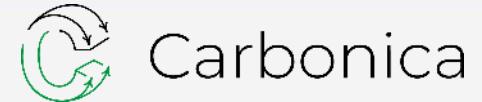
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# CARBONICA Economic effects



**32 participants** (start-ups, SMEs, innovation teams) participating in the CARBONICA Acceleration program



**Business Development Infrastructure**   
created to support stakeholders and end-users in pursuing innovative and tailored-made business models in CF



**1** certification & accreditation protocol validated by the Hellenic Accreditation System -ESYD



**1** final pitch deck for attracting investors



**Commercialisation & internationalisation support**  
Preparing the final product of the start-ups/SMEs for market launch

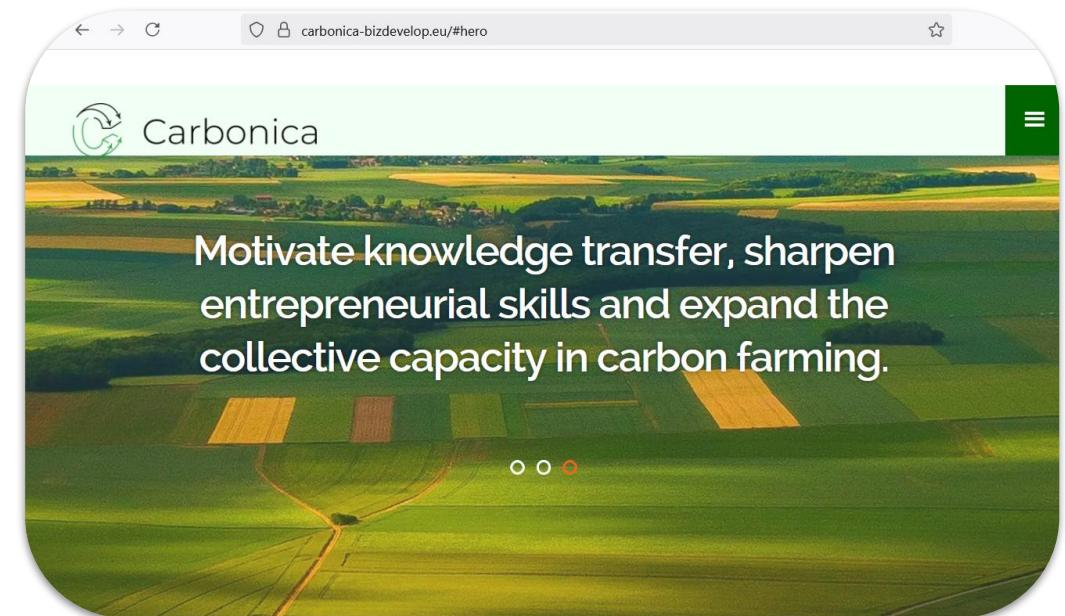


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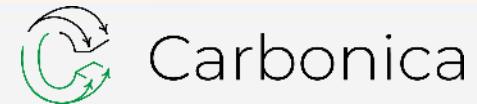
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CARBONICA's Virtual infrastructure for support in business development



# CARBONICA What lies in the future



## Farmers / Advisors / Land Managers

CARBONICA's Toolbox  
Lab prototypes  
Accreditation / certification



## Start-ups / SMEs

Business development services  
Partnerships with other  
SMEs & start-ups



## Society

CARBONICA  
e-learning platform



## Academia

Cross-border research  
Brain gain strategies



## Investors

Funding  
opportunities



## Policymakers

White papers  
Data to formulate local &  
regional CF upscaling  
strategies



# Thank you

**THANOS ARAMPATZIS**

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