



# Overview of the CARBONICA Excellence Hub



Carbonica

**carbonica-hub.eu**

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

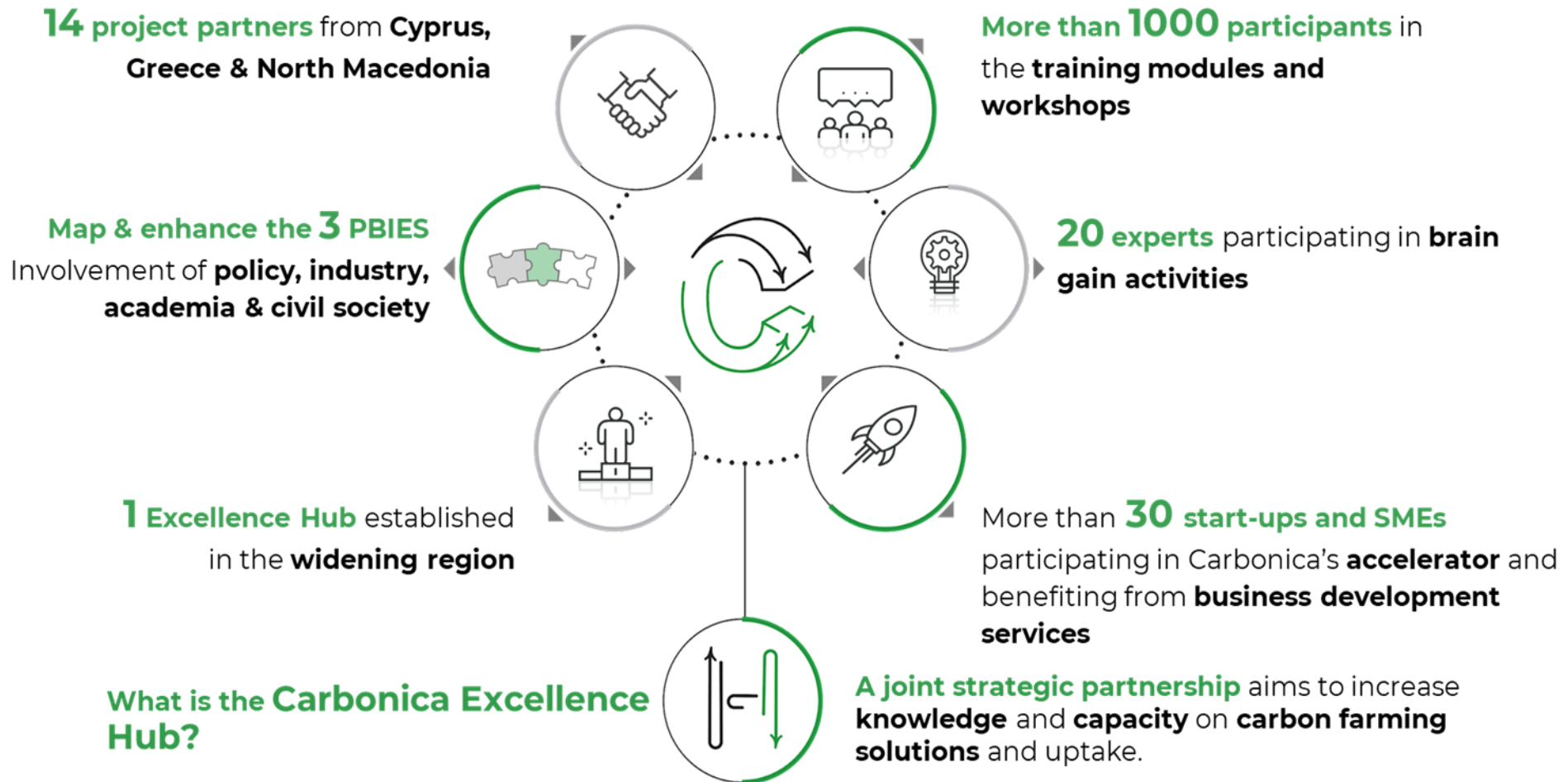
**Organisation: reframe.food**  
**Name: Thanos Arampatzis**



# CARBONICA At a glance



Carbonica



**CARBON 4  
SOIL QUALITY**

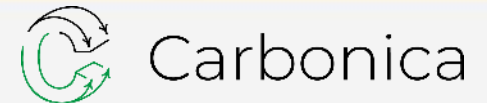
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# CARBONICA Consortium



## Greece



Coordinator:



## North Macedonia



## Cyprus



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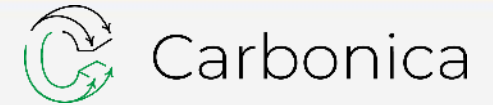
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# CARBONICA 3 ecosystems



## 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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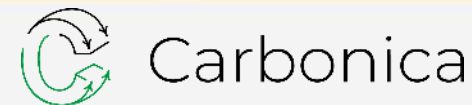
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# CARBONICA **Impacts/Achievements**



**1** **Lab prototype** developed for carbon farming solutions



CARBONICA's **field diagnostic toolbox** **validated** on various crops



**CARBONICA Academy** launched



**2** Policy **white papers** produced



**>50** Participation in **high-impact events** (e.g., Feedback to Policy workshop, EH Coordinators' Day)



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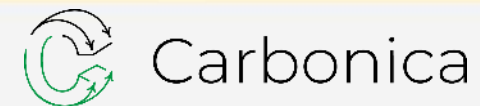


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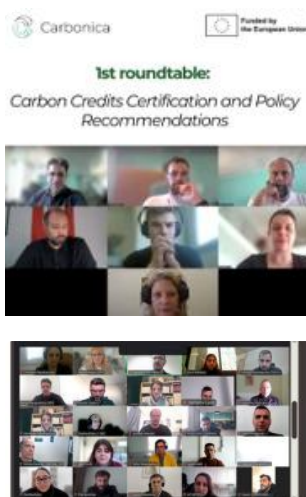
# CARBONICA **Impacts/Achievements**



ROUNDTABLE  
DISCUSSIONS

FIELD VISITS

CROSS-VISITS



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# CARBONICA Collaboration & Synergies



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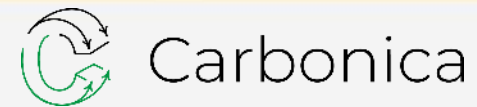
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# CARBONICA **Economic effects**



**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



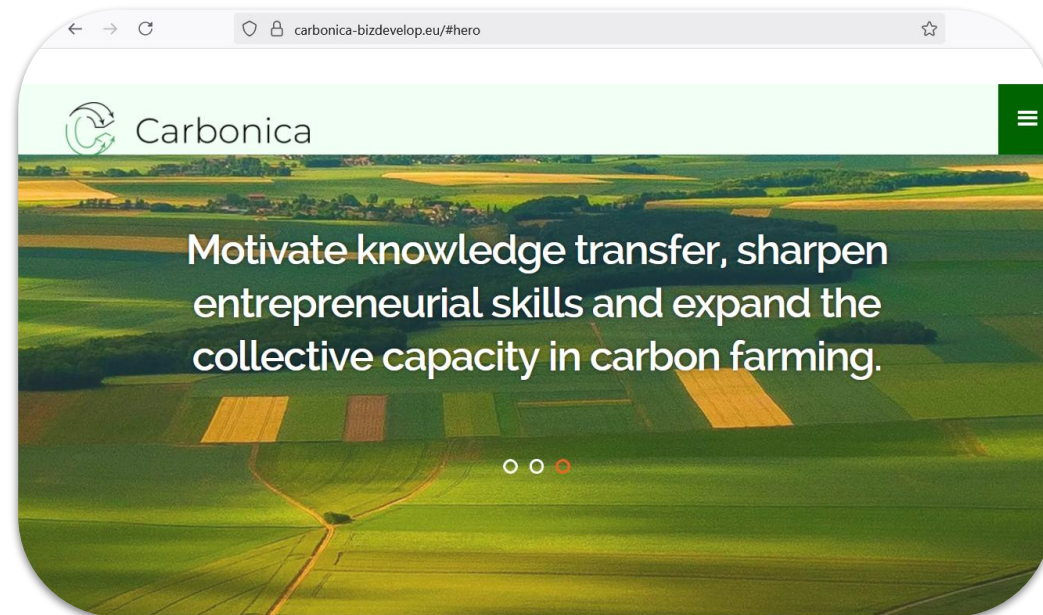
**1** certification & accreditation protocol validated by the Hellenic Accreditation System -ESYD



**1** final pitch deck for attracting investors



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



CARBONICA's Virtual infrastructure for support in business development



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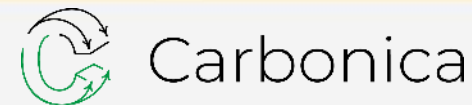


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# CARBONICA What lies in the future



## 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



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# Thank you

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