

# Cross-visit 'Circular and organic soil management'

Basilicata, Italy  
28-29 June 2023



Funded by  
the European Union



**OLIVER**

*'O'ptimization of agricu'L'tural 'I'nputs 'V'ertical Int'E'gration in 'R'ural economies*

***OLIVER Nicosia VEGs***

'Optimizing the economic and technical performance of agricultural inputs by applying activated biochar to vegetable crops in the Nicosia region'



# OLIVER

## ABOUT US

The purpose of establishing the operational group 'OLIVER' is to be involved in actions that actively promote the implementation of the objectives of the National Agricultural Network and the Rural Development Program 2014-20 in terms of the exchange of experience and know-how, the provision of technical assistance for inter-local and transnational cooperation and the promotion of partnerships and innovation programs.



**OLIVER NICOSIA VEGS**



**GENERAL**

**PLACE**

Western region of Nicosia  
Province, Cyprus

**ACTORS**

FARMERS  
FARMERS UNION  
INNOVATION BROKER

**START – END OF  
PROJECT**

14 – 4 – 2021  
14 – 4 – 2024

CHALLENGES



Soil Health Degradation



Primary Production Indices reduction

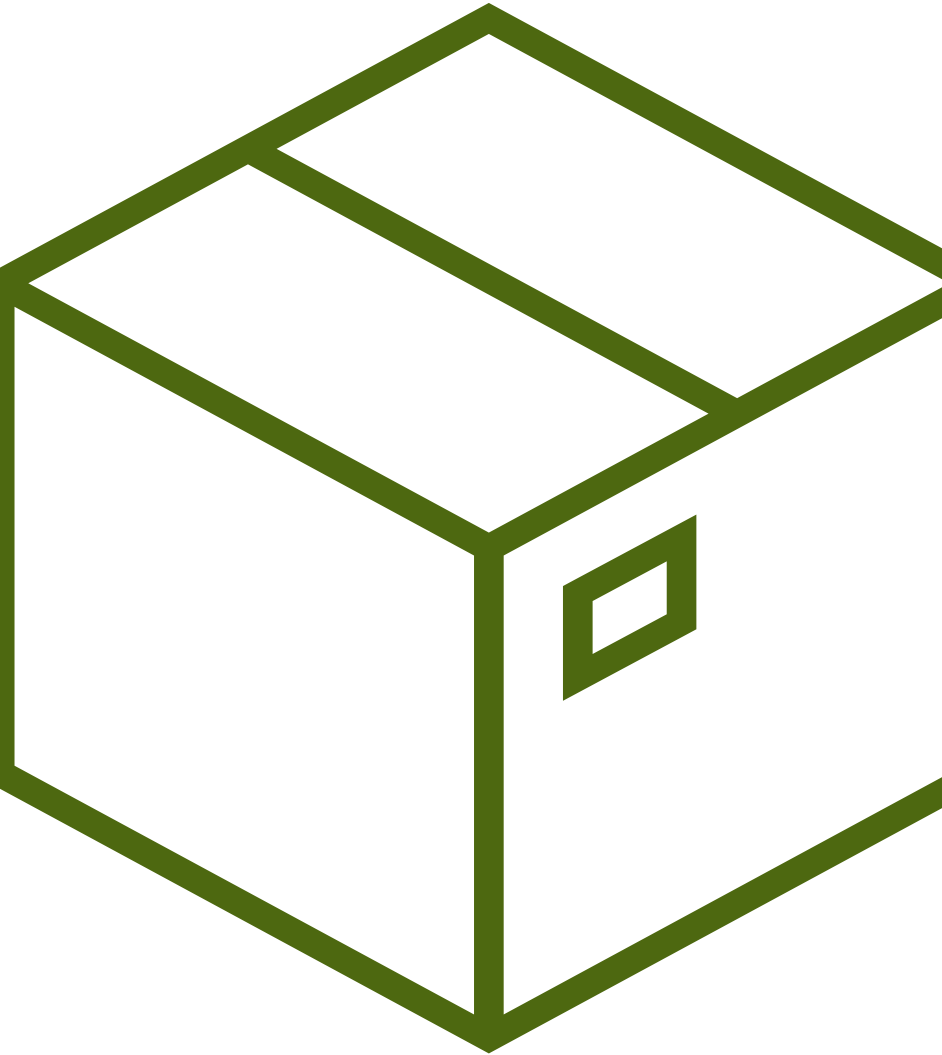


Rural areas abandonment



Intensification of agriculture





Soil Friendly agriculture practice



Circular Bio Economy



Digitalization



Activation of endogenic rehabilitation processes



# INTERMEDIATE RESULTS

## POTATOES

1

Reduction of irrigation requirements by 20%

2

Increase of plant resistances to stress

3

Uniformity of production within market requirements



# INTERMEDIATE RESULTS

## WATERMELONS

1

Improvement of organoleptic parameters

2

Increase of shelf life

3

Improvement of post-harvest processing capabilities





## WOOD BASED ACTIVATED BIOCHAR



### PRODUCT BENEFITS

A means of compensating for the negative effects of climate change

Stability and biological activation of soil organic matter

Carbon fixation and sequestration in soil

Enhancement of microbial activity

Improvement of physicochemical properties of the soil

Increase yields and production quality

Optimizing management of natural resources and nutrients



## *OLIVER Nicosia Veggies*

*Optimizing the economic and technical performance of agricultural inputs by applying activated biochar to vegetable crops in the Nicosia region*



ΕΥΡΩΠΑΙΚΟ ΓΕΩΡΓΙΚΟ ΤΑΜΕΙΟ  
ΑΓΡΟΤΙΚΗΣ ΑΝΑΠΤΥΞΗΣ



ΚΥΠΡΙΑΚΟΣ ΟΡΓΑΝΙΣΜΟΣ ΑΓΡΟΤΙΚΩΝ ΠΛΗΡΟΦΩΝ  
ΔΙΑΧΕΙΡΙΣΤΙΚΗ ΑΡΧΗ ΠΡΟΓΡΑΜΜΑΤΟΣ ΑΓΡΟΤΙΚΗΣ ΑΝΑΠΤΥΞΗΣ  
ΤΜΗΜΑ ΓΕΩΡΓΙΑΣ

ΠΡΟΓΡΑΜΜΑ ΑΓΡΟΤΙΚΗΣ ΑΝΑΠΤΥΞΗΣ 2014 – 2020

ΚΑΘΕΣΤΩΣ 16.1 (ΦΑΣΗ Β΄) - «Λειτουργεία επιχειρησιακών ομάδων καινοτομίας για την υλοποίηση του έργου τους»



# EU CAP Network cross-visit 'Circular and organic soil management'

28-29 June 2023, Basilicata (Italy)

All information on the cross-visit is available on the event webpage:

[https://eu-cap-network.ec.europa.eu/events/eu-cap-network-cross-visit-circular-and-organic-soil-management\\_en](https://eu-cap-network.ec.europa.eu/events/eu-cap-network-cross-visit-circular-and-organic-soil-management_en)

