



Cyprus  
University of  
Technology

Cyprus International  
Institute for Environmental  
and Public Health

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## **Carbon Farming in the service of public health: evidence from Cyprus**

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## 7-years of prior experience and built capacity

- Building on the capacity and the infrastructure built during the ORGANIKO LIFE+ project,

Demonstrating:

- i) better climate performance (N<sub>2</sub>O emissions) in certain organic farming practices compared against conventional farming (Dr. Michalis Omirou team, CY ARI);
- ii) the benefits of organic food on children's health (2015-2019) on childhood obesity and biomarkers of oxidative damage (our team's effort and Emory University)

- Developing organic meals plans in families of primary school children of Cyprus (Spring 2017)
- Testing the scheme of serving organic salads and fruits in whole day school meals in Cyprus (Fall 2020)



But a farm to fork approach is warranted if we are to widely transform our climate response..

# Project Objectives

1.

Demonstrate the viability of carbon credit farming towards achieving climate mitigation and adaptation benefits using a fork to farm plan

2.

Increase overall fruits and vegetables consumption towards healthy eating practices and building strong immune system against COVID-19 for children, ideally organic, via the linkage of a carbon credit farming scheme with a network of schools.

# Fork to farm carbon credit plan

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Fork side: Create a network of whole day lunch serving schools with regional groups of farmers, identifying specific fruits and vegetables (quantities, reliability etc.) for the scheme.

The EU school scheme could be used to demonstrate the carbon credit project

The Ministry authority will be managing carbon credit payments while a managing office will be overseeing the offer-demand chain and the logistics. We have their approval to participate.

This pilot demonstration to run in Cyprus would need the proper financing via CAP or EU school scheme

The plan could start immediately, if funds become available, as the schools can be easily identified by our consortium in Cyprus, because we have been engaging with these stakeholders for other research projects in the last years.



# PROPOSED Fork to farm carbon credit system





## Progress Evaluation – Monitoring

1. At schools
2. At farms

The project will require periodic evaluation and monitoring ensuring that the whole farm to fork chain of activities is synchronized and up to date.

The project needs to characterize:  
baseline setting,  
climate impact assessment and reward,  
impact monitoring,  
reporting, verification,  
credit registration and handling,  
link with national GHG inventory compilers,  
Digital network platform of participating schools – farms





# Opportunities to Engage with Private Sector



A & A Ετ. Αγρ. Αν. ΤΟ ΑΡΣΟΣ  
ΛΤΔ



Clearspring



Αγροκτήματα Κρήτης

N.C Farm

Χ. Δρουσιώτης



Κ. Οικονομίδης



Π. Παπαντώνης

Λ. Πίγγουρας



Sana Investments  
GROUP OF COMPANIES



Melino



Diet Food



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# Thank You

## for the attention



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