

# Briefly

FARMBENV is developing an innovative tool to assess the environmental impact of agri-food production using real-time data and sensors. The goal is to support sustainability, certification, and competitiveness in the sector.

## Key Objectives:

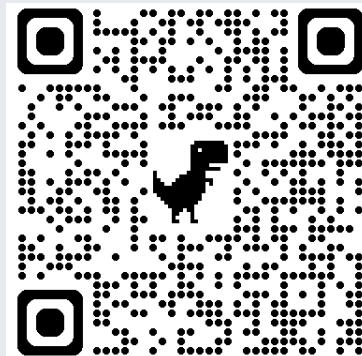
- Assess carbon footprint and environmental impact in real-time.
- Support product certification with Environmental Product Declarations (EPDs).
- Optimize resource use and reduce production costs.
- Provide tailored sustainability advice to farmers.
- Promote circular economy and bioeconomy practices.

Visit our website for more info:



[www.farmbenv.gr](http://www.farmbenv.gr)

or scan:



ARISTOTLE  
UNIVERSITY OF  
THESSALONIKI

The project «Development of a real-time environmental impact assessment application for the production of agri-food products and support for certification schemes» (Project code: KMP6-0078501) was implemented in the framework of the Action «Investment Plans of Innovation» of the Program «Central Macedonia», PARD 2021-2027», that is co-funded by the European Union and Greece.

# FARMBENV



## Real-Time Agriculture Sustainability Assessment Tool



Co-funded by  
the European Union



PROGRAMME  
**COMPETITIVENESS**  
2021 – 2027

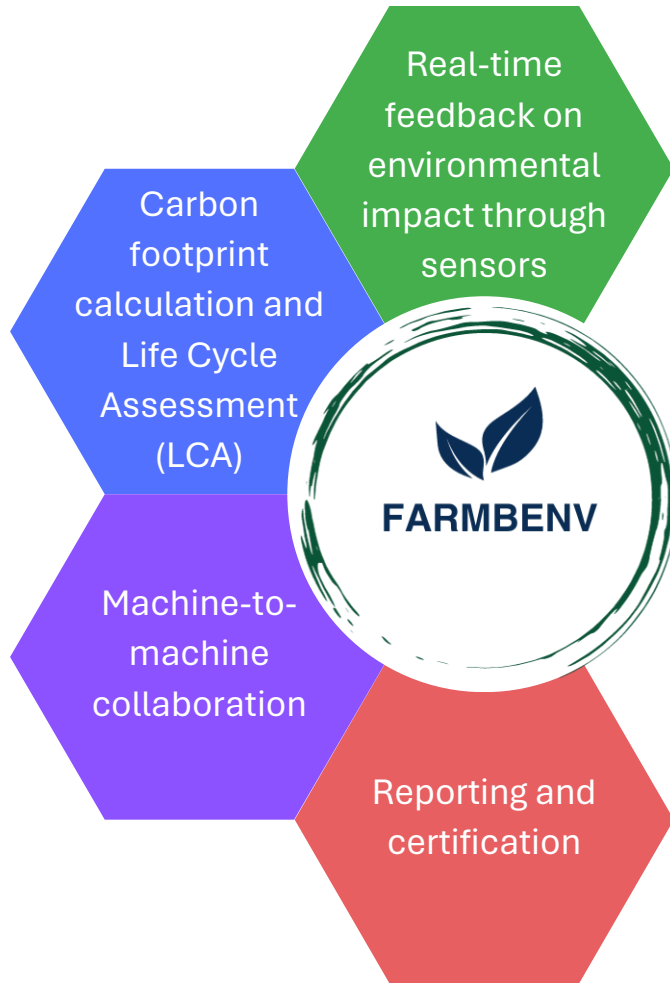


Co-funded by  
the European Union



PROGRAMME  
**COMPETITIVENESS**  
2021 – 2027

# Features



# Benefits

- **Enhanced Environmental Performance:** Real-time monitoring enables immediate feedback, allowing for prompt adjustments to reduce environmental impacts.
- **Energy and Emissions Management:** Continuous tracking of energy usage and emissions supports efforts to improve energy efficiency and reduce greenhouse gas emissions.
- **Improved Waste Management:** Monitoring environmental KPIs helps in identifying waste generation patterns, facilitating better waste management strategies.
- **Informed Decision-Making:** Access to comprehensive environmental data aids stakeholders in making informed decisions to enhance sustainability practices.
- **Market Competitiveness:** Demonstrating environmental responsibility can enhance brand image and meet the growing consumer demand for sustainable products.
- **Compliance and Certification:** Facilitates adherence to environmental standards and supports certification processes (e.g., EPDs ISO 14064, ISO 14067).



## FARBENV

ENVIRONMENTAL IMPACT  
ASSESSMENT APPLICATION  
OF REAL-TIME AGRICULTURAL  
PRODUCTION  
AND CERTIFICATE SCHEME  
SUPPORT