

www.einsteineuproject.com  
 LinkedIn: @EINSTEIN Project  
 Twitter: @EINSTEINHorizon  
 Instagram: @EINSTEINHorizon  
 YouTube: EINSTEIN Horizon Europe Project



## How Can You Get Involved?

- Join in-person & online knowledge transfer events – keep informed via our media.
- Access EINSTEIN Agro for nutricrop production & management to explore multi-crop eco-friendly farming techniques.



*Scan me!*



Excellence initiative for nutrifood-based theranostics for healthy European society



## Nutricrops: Bridging Agriculture, Nutrition & Technology

- Through the EINSTEIN Agro platform, we are advancing sustainable agriculture by developing an inventory of micronutrient-rich crops, testing eco-friendly multi-crop systems, and exploring the use of organic food from Vojvodina to create functional electronics.
- These innovative materials have potential applications in intraoral sensing technologies, bridging the gap between organic farming, nutrition, and advanced technology.

## ➤ Eco-Friendly Farming for Health and Innovation:

VOC and partners are identifying and testing micronutrient-rich plant species in eco-friendly multi-crop cultivation systems to enhance biodiversity, improve soil health, and promote sustainable food production. This initiative not only supports resilient ecosystems but also contributes to the development of edible electronics for oral health tests. By harnessing the power of nutricrops, we are paving the way for sustainable, nutrient-dense materials with applications in advanced health technologies.



photo by: VOC

## ➤ Nutricrops for Nutrient-Rich Food:

The micronutrient-rich crops grown in eco-friendly multi-crop systems offer a sustainable source of nutritious food. These crops provide essential vitamins and minerals, supporting a healthy diet and contributing to overall well-being. By focusing on functional foods, we aim to enhance the nutritional value of what we eat, making a significant impact on both individual health and food security.



photo by: UNS team  
(Flexible Sample for Mechanical Testing of Mushroom Based Substrate)

## ➤ From Food to Functional Electronics:

The micronutrient-rich crops not only provide nutritious food but also serve as key materials for developing edible electronics. These innovative materials have the potential for use in oral health tests, opening up new possibilities in health monitoring. By combining sustainable agriculture with cutting-edge technology, we are creating solutions that can improve both nutrition and health through advanced, bio-compatible electronics.



photo by: UNS team, created by Ella Maru Studio.