



WASABI Platform :

A tool to develop advanced innovative solutions in
controlled environment agriculture

(HORIZON-CL6-2026-02-FARM2FORK-06)

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Wasabi Platform



Unique innovative tool in Europe implementing all the innovative production systems suitable for field and controlled environment agriculture on a 5 ha site

Wasabi platform



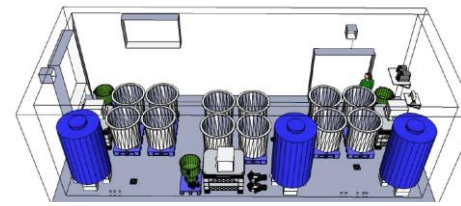
Containers for the production of insects and high value plant molecules



Open ground: Agroforestry with vegetables, mounds, SPIN



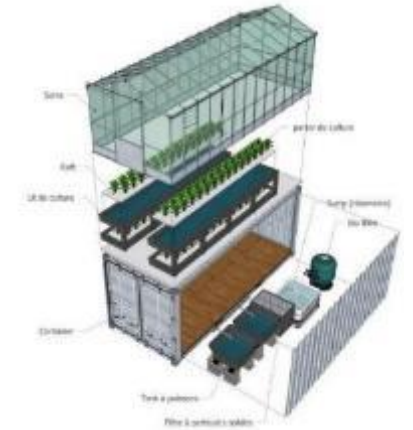
Energy-efficient rooftop greenhouse
Hydroponic and bioptic crops



Urban aquaponic system



Aquaponics System Industrial
Pilot



Agrioltaism in
field and
greenhouse

HORIZON-CL6-2026-02-FARM2FORK-06 :

Advanced innovative solutions for improved competitiveness and sustainability in controlled environment agriculture (CEA)

Wasabi : circular & sustainable

- Optimizing the use of resources (organic, energetic and hydric resources)
- Integration of waste and surplus in their cycle
- Conservation or restoration of biodiversity
- Establishment of local production



Wasabi : an opportunity for EU project

- WASABI platform is a unique experimental infrastructure dedicated to CEA
- It is designed to accelerate the validation of innovative solutions
- Multiple operational CEA systems at the same location allow robust, fair and reproducible comparisons with very limited additional investment

Our European experiences

- Leader of 2 Interreg projects (Smart Aquaponics & BioBoost-Pro)
- Partner of 3 Interreg projects (Groof, CUF-Training & PV Follows Function), 3 Horizon Europe projects (FoodCityBoost, Conserwa and Adapt IPM), and 1 Eurostars project (X-Tree)

HORIZON-CL6-2026-02-FARM2FORK-06 :

Advanced innovative solutions for improved competitiveness and sustainability in controlled environment agriculture (CEA)

A consortium is under development, leaded by Prof. Silvana Nicola (University of Torino)
We are seeking complementary European partners including

- Technology providers

- ✓ Sensing and
- ✓ automation,
- ✓ climate control
- ✓ digital/AI tools

- Solution developers

(inputs, substrates, biologicals)

- Applied research organizations

- Expert in Business models/economics

- End-users such as CEA growers and agri-tech SMEs

(to co-develop, integrate and validate solutions)



Thank you for
your attention



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