

Your R&D&I partner in plant science

📍 **Location:** Saint-Pol-de-Léon, France

🏢 **Organization type:** Non-profit applied research organization, SME

🌐 **Project involvement:** Partner or Task Leader or WP Leader

🔬 **Expertise areas:** Plant health, plant breeding support, food product quality, all crops

HORIZON-CL6-2026-02-FARM2FORK-01-two-stage: Open topic

Improving the competitiveness of the agricultural sector by enhancing the efficient and sustainable use of agricultural production factors

💡 Project Idea(s)

✓ Characterization of different types of inputs in various crops, including the impact of environmental factors, interaction with plant genetics, dose effect, application method, (seed coating, on plant, in soil) etc.

🌿 Expertise & potential contributions

🌿 **Characterization of biocontrol products, biostimulants, and fertilizers**

✓ Efficacy of products

- Efficacy evaluation for plant health (+ 35 patho-tests) and plant growth (physiological states)

- Compatibility with conventional products

✓ Mode of action and optimal use of inputs

- Deciphering their mode of action (molecular and biochemical studies) and optimization of their use

- Identification of factors influencing product efficiency (UV, temperatures, treatment positioning depending on spore trapping, ...)

✓ Focus on climate change and impact of inputs on the environment

- Water-holding capacity and leaching analysis

- Environmental impact study (modification of the soil microflora biodiversity,...)

Contribution areas

🔍 R&D&I → TRL 3 to 6 : experimentation in labs, growth chambers and greenhouses



Active communication through professional networks and social media : LinkedIn, Website, Newsletters, blogs, trade magazines, ...

👥 Organization of customized training courses



About Vegenov

Vegenov is an applied research center specialized in plant science.

Its R&D teams conduct trials under controlled conditions (labs, growth chambers, greenhouses) in three main areas:

- Plant health - Evaluation of biosolutions (biocontrol and biostimulants)
- Plant breeding support
- Sensory and nutritional analysis of fresh and transformed products

Founded in 1989 in Brittany, France, Vegenov conducts national and international projects on plants and their interactions with microorganisms.

Its research focuses on:

- Sustainable and performant agriculture with reduced chemical inputs
- Climate change adaptation through resilient plant materials and biosolutions
- Production of fresh, tasty and nutritious food

Vegenov contributes to about 10 collaborative projects per year (European, national, regional projects). Vegenov is actively involved in professional networks of the seed and biosolutions industries (UFS, IBMA,...)

30 employees work at Vegenov, including 5 PhD researchers, 10 engineers, and 10 technicians.

European projects



Natural fungicides against Air & Soil borne Pathogens in the Atlantic Area

2018- 2022

<https://keep.eu/projects/19361/Natural-fungicides-against--EN/>



Breeding for Resilient, Efficient and Sustainable Organic Vegetable production

2018-2023 Work Package Leader

<https://www.bresov.eu>

Equipment



Molecular biology lab



Cell biology lab



Pathology lab



Biochemistry lab



Greenhouses and growth chambers



Sensory analysis lab

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