

German agri-tech company offers satellite-based disease detection and prediction technology for vineyards in Italy and further wine-regions in Europe

Summary

Profile type

Technology offer

Company's country

Germany

POD reference

TODE20250311003

Profile status

PUBLISHED

Type of partnership

Commercial agreement with technical assistance

Targeted countries

- **Portugal**
- **Austria**
- **Germany**
- **Italy**
- **Spain**
- **Greece**
- **France**

Contact Person

[Enrico FRANZIN](#)

Term of validity

11 Mar 2025

11 Mar 2026

Last update

11 Mar 2025

General Information

Short summary

A German agritech company offers a satellite-based technology for early detection and prediction of diseases in vineyards, reducing the need for preventive chemical treatments. While incorporated in Germany, the company is initially targeting the Italian market and is open to expanding its services across Europe. The company is seeking vineyard owners, cooperatives, and agribusinesses as early adopters and collaborators to provide feedback, helping refine and improve service before market entry.

Full description

A German agritech company, provides a cutting-edge satellite-based disease detection and prediction service for vineyards. The solution leverages satellite imagery, AI-driven analysis, and real-time weather data to identify early signs of vine diseases such as powdery mildew and downy mildew and forecast their potential spread. By using the company's technology, vineyard owners can precisely monitor their fields, reducing the reliance on

unnecessary chemical treatments and optimizing the timing of interventions. The service integrates with farm management systems to provide actionable insights.

The company seeks collaboration with vineyard holdings, winemakers, and agribusinesses interested in testing and adopting this technology. While its initial market entry focuses on Italy, the company is actively seeking partnerships across Europe. The proposed cooperation involves field trials, feedback collection, and potential commercial agreements for long-term integration.

Initially, selected partners will gain free access to the service for a few months in exchange for regular feedback on its performance, helping to debug and improve the platform. After the collaboration period, partners will have the opportunity to continue using the service at a discounted rate as early adopters.

Advantages and innovations

- **Cost Savings:** Reduction in unnecessary chemical treatments and optimized resource use.
- **Environmental Benefits:** Minimizes the ecological impact by reducing excessive fungicide application.
- **Predictive Capabilities:** AI-powered disease forecasting enables proactive vineyard management.
- **Real-time Alerts:** Integration of satellite and weather data allows for proactive disease management.
- **User-Friendly Interface:** Accessible through an intuitive digital platform for farmers.

Technical specification or expertise sought

Stage of development

Available for demonstration

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 15: Life on Land**
- **Goal 12: Responsible Consumption and Production**
- **Goal 13: Climate Action**

Partner Sought

Expected role of the partner

The company is seeking vineyard owners, agricultural cooperatives, and agribusinesses willing to collaborate as early adopters. Partners will conduct field trials, provide regular feedback on performance, and assist in debugging and improving the service before it reaches the market. Ideal partners should have operational vineyards and an interest in precision agriculture solutions.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME <=10**
- **SME 11-49**
- **Big company**
- **R&D Institution**
- **SME 50 - 249**

Dissemination

Technology keywords

- **10002010 - Remote sensing technology**
- **01006008 - Satellite Technology/Positioning/Communication in GPS**
- **09001009 - Sensor Technology related to measurements**
- **01003012 - Imaging, Image Processing, Pattern Recognition**
- **01003023 - Environmental and Biometrics Sensors, Actuators**

Market keywords

- **09005 - Agriculture, Forestry, Fishing, Animal Husbandry & Related Products**
- **02007016 - Artificial intelligence related software**
- **08004004 - Other pollution and recycling related**

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Sector groups involved

- **Aerospace and Defence**
- **Agri-Food**

Media



Images

[Screenshot of software](#)

[Screenshot](#)

