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AI-driven early detection for a future beyond fungicides

Funded by
the European Union

Projectpartners:
Mythronics, Compas Agro en Frank Coenders Kwekerijen

ROSIE uses AI and autonomous robotics to detect mildew and monitor plant health directly in the field. Through image analysis, data processing, and autonomous navigation, it advances sustainable agriculture and supports smarter crop management.

npk design developed the autonomous robotic platform, translating user and research requirements into a robust, field-ready system. By integrating chassis, power, and components, npk ensures reliability under real agricultural conditions.

Core Features and Development Highlights

- Autonomous platform for field data collection and monitoring
- AI-based detection of mildew and plant health
- Engineered for demanding agricultural environments
- Integrated cameras, sensors, and power systems
- Modular and adaptable for future applications
- Evolving from proof-of-concept to robust MVP

We are looking for partners, companies, and research collaborators interested in advancing autonomous systems, exploring new applications, or commissioning similar development projects.

Let's connect

T +31 (0)6 2246 5161
mvroom@npk.nl