

Green Impulse unveils Sensitines® at World Agri-Tech San Francisco: a major advance in pathogen control

Green Impulse, a start-up dedicated to biotechnologies for innovative and sustainable crop protection, exhibits at World Agri-Tech Innovation Summit in San Francisco, March 11–12, 2025, to present the first candidate of its Sensitines® innovation. This innovation marks a turning point in pathogen control with an innovative mode of action: a decisive step towards agriculture that respects both the environment and health.

Green Impulse participates for the first time at the World Agri-Tech Innovation Summit US San Francisco edition to meet the global leaders driving sustainable agricultural practices. The company exhibits in the Start-Up Arena booth #33, among 2,500 global leaders from agribusinesses, technology giants, food brands, farmers, policymakers, investors, and start-ups for strategic networking, exclusive industry insight and start-up discovery.

Green Impulse is taking the opportunity of this event to present Sensitines®, a promising disruptive innovation for the agro-ecological transition.

Sensitines®: the disruptive innovation for sustainable agriculture

Antifungal resistance is a challenge in agriculture and human health, Green Impulse is developing new patented technologies for controlling fungal diseases by weakening pathogens, called Sensitines® (<https://sensitines.com>). Green Impulse is currently developing the first lead in its Sensitines® range, with a mode of action fundamentally different from conventional fungicides. Sensitines® molecules weaken the fungal pathogen, making it more sensitive to the plant's natural defenses and/or plant protection products.

In April 2024, the company was obtain a €1.5 million BPI France - DeepTech subvention dedicated to the ambitious development of its 3-year research and development (R&D) program.



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Sensitines® targets the fungus's adaptation mechanisms: *“This sensitizing principle results in particular from inhibition of the activity of proteins playing a crucial role in the fungus's metabolic adaptation pathways in response to various stresses”* explains Coline Perdrier, Open Innovation Project Manager at Green Impulse, *“First performance results are very encouraging for fungal disease control. This new mode of action helps to counter the emergence of resistance, while boosting the efficacy of biosolutions or crop protection products whose performance has been deteriorated”*, she clarifies, *“After a phase of laboratory testing which has enabled us to identify the most promising combinations, some of these will be tested in the field in 2025”*.

Accelerating the agro-ecological transition

By rethinking pathogen control through solutions inspired by nature, Green Impulse is fully committed to the agro-ecological transition. *“Our biotechnology expertise meets the challenges of food safety while having a positive impact on tomorrow's agriculture, contributes to health issues and brings high value to our partners and customers,”* explains Philippe Hervé, Chairman and CEO of Green Impulse, *“Because the time is ripe for change, we want to accelerate this transition. This requires creativity and effort, and our team is determined to offer sustainable solutions for crop protection that are profitable for farmers, respectful of the environment and health, and better meet consumer expectations,”* he concludes.

About Green Impulse

Founded in 2019 by two agricultural engineers, Green Impulse is a startup specializing in the development of innovative biosolutions and markets Kitae®, a natural fungicide for integrated crop protection. Since its creation, the company has been working with the french research academy to develop a new fungal disease control technology, Sensitines®, which has the potential to have a major impact on the sustainability of agricultural systems, as well as on health and the environment.

A member of IBMA, France Biocontrôle and French Tech 2030, Green Impulse is based in Angers, at the heart of an international plant cluster, and has a team of ten people.

World Agri-Tech Innovation Summit

March 11-12, 2025

Marriott Marquis
780 Mission Street
San Francisco, CA 94103

[Startup Arena, booth #33](#)

Find out more :

www.sensitines.com

www.greenimpulse.com / <https://fr.linkedin.com/company/green-impulse>

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