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BIOVEXO

BIOVEXO Newsletter December 2023

Dear BIOVEXO newsletter subscribers,

We are pleased to publish our December 2023 newsletter. As we continue to develop biological solutions to limit the impact of the disease on the trees affected by Xylella fastidiosa, we are happy to have your support on this important mission!

BIOVEXO has now entered the final 18 months its 60-month duration and, at this milestone we are pleased to share valuable information on BIOVEXO's activities over the last few months, as well as recent developments and the status quo of Xylella in Europe.

A word from the Leader of BIOVEXO Work Package 6 (Product Sustainability and Toxicity), **Liesbeth Zwarts** from BIOVEXO Project Partner Globachem:

"We are happy to share the December 2023 newsletter with you. Our large-scale field trials with various biological solutions are about to enter their final year. We are excited to follow up the treated trees further throughout this period and anxious to see the effect on their health and the development of the disease.

Since the BIOVEXO project began, we have gained fascinating insights into various aspects of the novel solutions developed by the project, such as their mode of action, optimal application methods and formulation and production optimization. The large-scale field trials, running over multiple years in Italy and Spain integrate all this acquired knowledge and we are hopeful that we will be able to see some positive effects next season! 2023 provided also a huge step forward for our products towards market introduction.

Life Cycle Analysis and Toxicity Analyses combined with novel market insights provided more knowledge of the economic viability of the biological solutions and the first registration dossier was finalized. Another step closer to market entry!

With this newsletter we will wrap up 2023. We wish you wonderful holidays and orchards free of Xylella for the new year!

Met vriendelijke groeten, Kind regards,"

Project News

In August 2023, BIOVEXO joined over 200 experts at the European Food Safety Authority (EFSA)'s **4th European Conference of *Xylella fastidiosa*** in Lyon, France. The Conference was a satellite event to the **International Congress of Plant Pathology 2023** (IPCC).

Attendees at the EFSA 4th European Conference on Xylella fastidiosa, Lyon, France, August 2023 ©RTDS Group

BIOVEXO experts Stéphane Compant (AIT) and Pasquale Saldarelli (CNR) participated as session chair and speaker. BIOVEXO's subsequent **in-depth blog series** summarizing the sessions was singled out **by EFSA** as: "*a must-read for everyone interested in #PlantHealth & protection!*"

As winners of the CBE-JU's Photography Competition(see July's newsletter), BIOVEXO also received a ticket to the **European Forum for Industrial Biotechnology (EFIB)** in Rotterdam on 24 -25 October 2023. The winning artwork was also on display at the **CBE JU Stakeholder Forum 2023** in Brussels in December 2023, providing a platform to highlight the project's work and impact to a wide audience.

Mikael Muegge of RTDS at EFIB 2023 in Rotterdam with awards for CBE JU's Photography Competition. © RTDS Group

We took the opportunity to meet Dr. Diego Olmo from the Official Plant Health Laboratory of the Balearic Islands and find out **how qPCR tests are carried out on trees**. We also learned more about the particular impacts of *Xylella* on almonds in Mallorca when we **interviewed local Agricultural Engineer Maria Antonia Tugores**. You can read more about the trip in our **latest blog post**!

BIOVEXO's blog has been active over the last six months!

- In addition to our **series on the EFSA 4thEuropean Conference on Xylella fastidiosa**, we've joined with the **OLEAF4VALUE Project** to produce a joint blog on the **Olive Value Chain** in celebration of World Olive Tree Day.
- We also spoke to the authors of **a new paper** on the feeding habits of *Philaenus spumarius* (a.k.a. the Meadow Spittlebug), who were kind enough to **share their insights with us**.

BIOVEXO Dissemination activities

In September, Acies Bio participated in an event in Ljubljana, Slovenia: the **Cutting Edge 2023** – Careers in Science Forum, presenting a poster '*In search of effective biological solutions against Xylella fastidiosa and its vector*'.

In October, Acies Bio also displayed their poster at the **European Biotechnology Congress**, also in Ljubljana, Slovenia.

In the same month, AIT participated in the **7th Partnership in Biocontrol, Biostimulant & Microbiome Congress**, which took place in Raleigh, North Carolina, USA.

Xylella News

In addition to the publication of **a new paper** on the feeding habits of *Philaenus spumarius* (a.k.a. the Meadow Spittlebug), of particular interest in recent months was the publication by the **Euphresco Network** of a **new report on the insect vectors of *Xylella***.

Where to find BIOVEXO next?

23rd Jan – **BIOVEXO Multi-project Stakeholder Meeting**
with the
BeXyl Project, NOVATERRA Project, OLEAF4VALUE Project, & Xvectors.pt Project
If you are interested in participating online, please contact us!

Don´t forget to follow BIOVEXO on social media channels!

Visit the official BIOVEXO website

BIOVEXO

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