



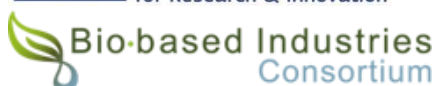
BIOVEXO – Biocontrol of Xylella and its vector in olive trees for integrated pest management

## Deliverable 6.1

### Summary report on available toxicological data

<b>Due Date:</b>	30/04/2021
<b>Submission Date:</b>	30/04/2021
<b>Dissemination Level:</b>	CO ( <i>also see next page</i> )
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## 1 Publishable Summary

The strategic objective of BIOVEXO is to develop an environmentally sustainable and economically viable plant protection solution combining *Xylella*-targeting biopesticides (X-biopesticides) with biopesticides combatting the insect vectors transmitting the disease (V-biopesticides) and to make them for ready use in integrated pest management. To achieve this, six specific objectives have been established, and among them, to ensure sustainability of the BIOVEXO products by evaluating their life cycle environmental impacts, toxicity, economic viability to ensure their alignment with regulation for market introduction. All these aspects are considered in work package 6 (Fig. 1).

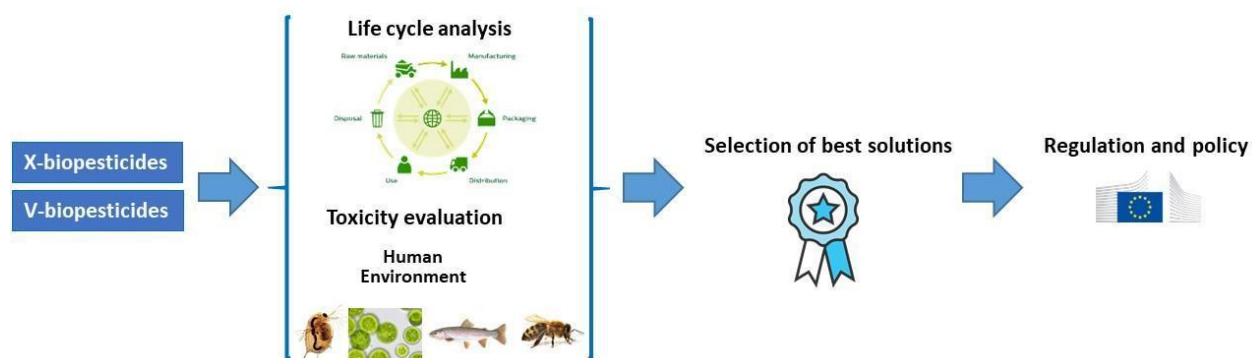


Figure 1. WP6 overview.

Regarding toxicity and certification, BIOVEXO plant protection products must fulfil the approval criteria stipulated in Regulation (EC) No 1107/2009 and No 283/2013. Thus, a range of toxicological assays have been selected to evaluate the impact of solutions on human and environmental health.

The aim of this deliverable is to perform a review of the available toxicological data of the different solutions considered in BIOVEXO in order to:

- Get an overview of their toxicity
- Avoid the repetition of toxicity tests
- Use the existing data to support the design of the experiments to be performed in BIOVEXO (concentrations selection, etc.).

Deliverable D6.1 compiles the toxicological data available of the solutions investigated in BIOVEXO. This information has been obtained from the partners involved (DOMCA, GLOBACHEM, AIT) and also from a scientific literature review.

Results obtained show that for most of the solutions considered, little or no toxicological data exists. Therefore, BIOVEXO project will have the opportunity to generate novel data in relation to safety aspects of the plant protection solutions for humans and the environment.