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WildPosh

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DURATION

4 years, January 2024–December 2027

WEBSITE

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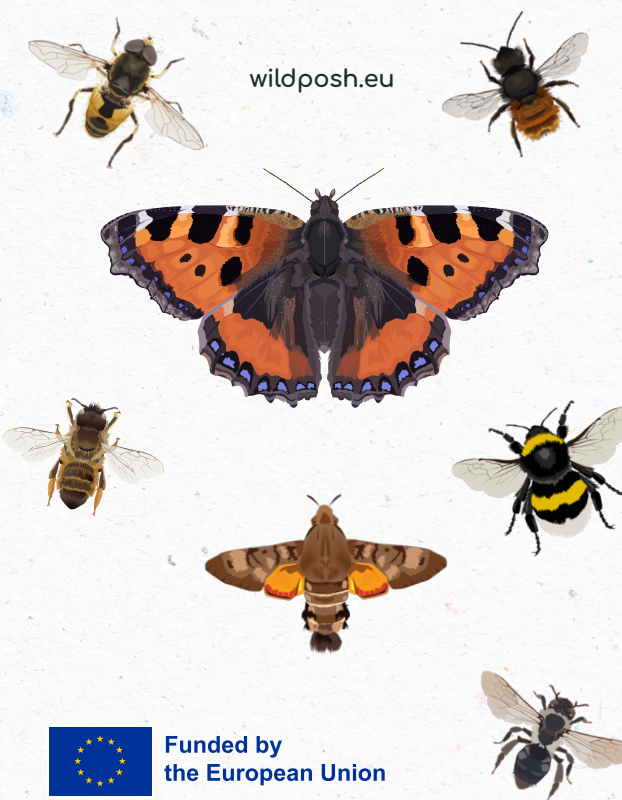
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WildPosh

Pan-European
assessment, monitoring,
and mitigation of chemical
stressors on the health of
wild pollinators



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BACKGROUND

Wild fauna and flora are facing variable and challenging environmental disturbances, with pollinators among the most affected groups. A major driver of these pressures is the widespread use of anthropogenic chemicals, particularly pesticides.

WildPosh is a multi-actor, transdisciplinary project whose overarching mission and ambition are to significantly improve the evaluation of the risk to wild pollinators of pesticide exposure, and enhance the sustainable health of pollinators and pollination services in Europe.



OBJECTIVES



Determine the real-world agrochemical exposure profile of wild pollinators at landscape level, within and among sites



Characterise causal relationships between pesticides and pollinator health



Build an open database on pollinator traits/distribution and chemicals to define exposure and toxicity scenario



Propose new tools for risk assessment on wild pollinators



Drive policy and practice

ACTIONS



Provide the first pan-European quantification of the exposure hazard of pesticides to representative wild pollinators while characterising their populations



Use integrated and controlled laboratory and semi-field experiments, determining how major categories of pesticide alone and in mixtures affect pollinator health



Develop databases on ecological traits and the spatial distribution of pollinators in relation to their potential exposure to pesticide, and on pesticide use and their toxicity



Propose integrated systems-based risk assessment tools for wild pollinators



Use innovation to meet the need for monitoring tools, novel screening protocols, and practice- and policy-relevant research outputs to local, national, European, and global stakeholders

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PACKAGES

