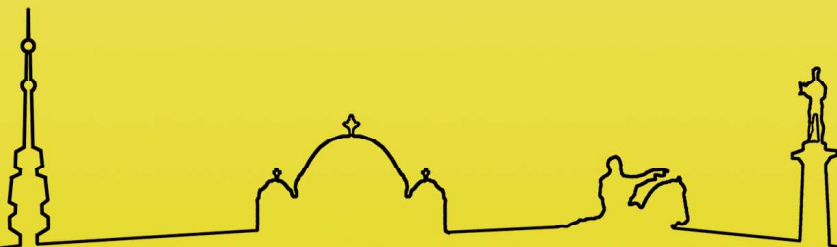


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- To give recommendations to policy makers in terms of sustainable management of honey bee and wild bee populations.

From a planetary health perspective, RF-EMF effects on insects may also have indirect effects on human health and the economy (e.g. via pollination). ETAIN is expected to generate scientific evidence of RF-EMF exposure effects on human, ecosystem and planetary health, feeding into policies and current regulatory frameworks. The ETAIN project is part of the European cluster on EMFs and health.

**Keywords:** Electromagnetic fields, Exposure, Biodiversity

## LIFE VAIA: VALUING AFFORESTATION OF DAMAGED WOODS WITH INNOVATIVE AGROFORESTRY

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Storms, floods, fires: the occurrence of extreme climatic events, with the dramatic repercussions they have on our territories, is the testimony of climate change in recent decades. The VAIA storm that hit North East Italy in 2018 caused extensive damage to mountain areas and their delicate ecosystems. Extreme weather events quickly create open spaces where there were forests. Agroforestry is a solution that can provide for the exploitation of the new habitat, both by introducing temporary crops and through the implementation of beekeeping. In fact, in these environments we can observe the rapid and abundant appearance of a nectarous and polleniferous flora. With a duration of five years and a total budget of €6 million, of which €3 million has been allocated by the European Commission, the LIFE VAIA project aims to develop an innovative approach based on the application of “temporary” agroforestry measures (15/20 years). This strategy makes it possible to invest in the production of sustainable and low-impact products, increasing biodiversity and the sustainable use of resources. The main actions financed by LIFE VAIA concern the reproduction and cultivation of wild blueberries and other “wild” small fruits, food and medicinal plants in forest ecosystems, as well as the enhancement of beekeeping production in forest areas destroyed by storms and other extreme climate events. To monitor how the actions of the LIFE VAIA project will impact bees composition and diversity, pan traps, bee hotels and pollen collection will be used before and during the project.

**Keywords:** beekeeping, Apoidea, non Apis bees