

Abstract BONMATIN Jean-Marc (BeeCaution / TFSP post-neonic symposium in Bergen Norway 7 June 2022)

Title : The worldwide integrated assessment on systemic pesticides: the emblematic case of neonicotinoïds

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The Task Force on Systemic Pesticides (TFSP) is a global group of independent researchers. The TFSP has published numerous articles constituting the Worldwide Integrated Assessment on Systemic Pesticides in 2015 and its update in 2020.

These articles describe the widespread contamination of the environment by neonicotinoids (air, soil, water). They also describe the numerous impacts, not only on terrestrial and aquatic invertebrates, but also on vertebrates such as fish and birds. There is increasing evidence of effects on human health via contaminated food.

However, alternatives to neonicotinoids exist. They are effective and ready-to-use but are slow to be implemented due to resistance from stakeholders and commercial interests.

Only the partial ban of some neonicotinoids in Europe has allowed to decrease the pressure of these insecticides on the environment, biodiversity and our health.