

SUSINCHAIN Report: “Possibilities for usage and economic upgrading of insect by-products”

The SUSINCHAIN Report on “*Possibilities for usage and economic upgrading of insect by-products*” has been published on the SUSINCHAIN website and is now available for consultation here.

This document, developed by Santos Rojo, María Cámara, Yolanda Bravo, Sara Morollón from BIOFLYTECH (a member of the SUSINCHAIN consortium) aims at providing practical information on insect production and circular economy in insect rearing, application of insect frass and legal application, extraction of insect’s lipids and its applications as well as larval skins and dead adults.

The growing global population prompts concerns regarding our ability to produce enough food and ensure access while also maintaining sustainability. Projections indicate a daunting challenge, with a predicted 70% increase in global food production by 2050 compared to 2009. This surge in demand, particularly for animal-based protein, poses detrimental consequences for the environment, including increased greenhouse gas emissions, water usage, energy consumption, and land utilization.

Insects are highly efficient in converting substrates into protein and a food source with a low environmental impact due to the limited need for arable land and water, as compared with livestock, and have low ecological cost.

About SUSINCHAIN:

SUSINCHAIN is a pioneering project focused on propelling the insect protein value chain for feed and food in Europe. By leveraging advanced technologies, stakeholder collaboration, and innovation, SUSINCHAIN aims to overcome barriers and increase the economic viability of insect protein production. The project actively promotes sustainability and resilience in the feed and food industry, contributing to a more efficient and sustainable protein provision.



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For future updates on the project and announcements follow the [SUSINCHAIN website](#).



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