

Dear reader,

This is the last edition of the SUSTAVianFEED project newsletter.

During these years, we worked hard to give a tangible approach for a more sustainable livestock sector based on circular economy principles. New food chains must be environmentally friendly, foster local economies and consider social aspects. Feed production can be the mainstream of this change.

SUSTAVianFEED (grant Number 2015), part of the PRIMA programme supported by the European Union, demonstrated innovative poultry farming systems by the inclusion of sustainable animal feeding: the project developed a sustainable nutritional formula for poultry farming in which insects play a key role.

In this newsletter, you will discover the project results, learn about the activities developed in each country, and understand the potential of alternative feed smallholders.

Thank you for taking part in this journey with us.

Happy reading!

[Go to the website](#)



Here below you can find the latest developments and progress within the project. Stay informed about the innovative poultry farming systems, sustainable nutrition formulas, and the role of insects in shaping a more sustainable livestock sector.



### Final conference at Terra Madre 2024

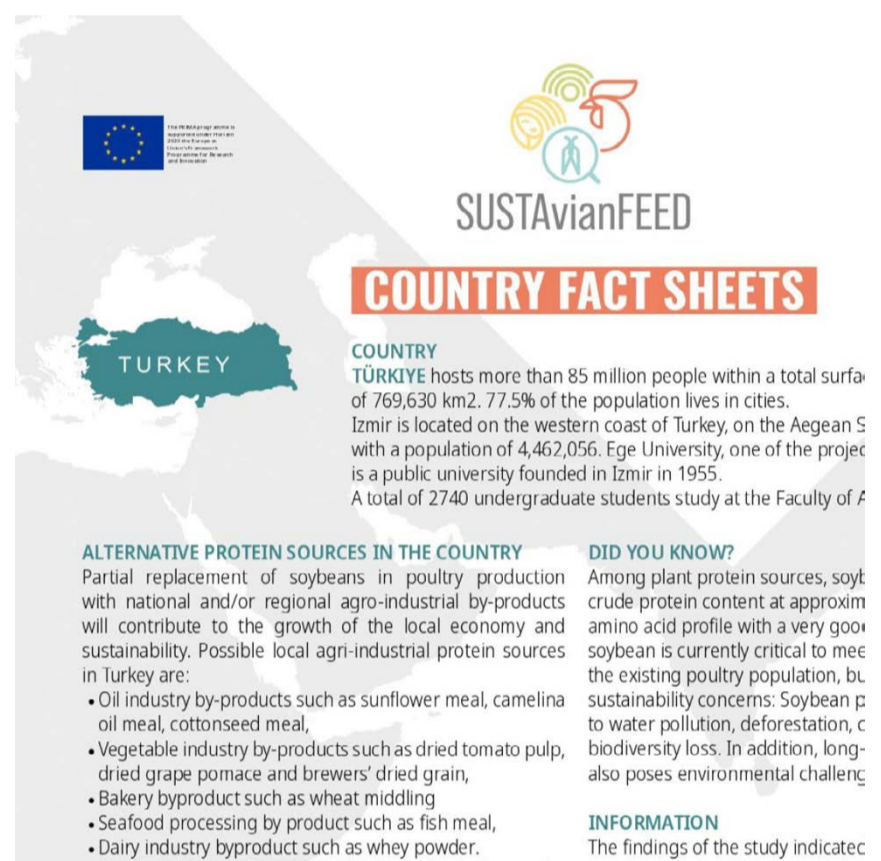
The final project conference “Feeding the Future: alternative solutions for sustainable poultry farming”, was held in the framework of Terra Madre 2024 to discuss preliminary results and share insights into sustainable poultry farming techniques, exploring how these practices can enhance local agricultural economies in Mediterranean regions while offering nutritional, eco-friendly alternatives to conventional feed.

[\[Find out more\]](#)



### Pilot activities ended successfully

Five pilot activities demonstrated the innovative approach to feeding poultry for sustainable products. The pilot activities are being developed in four different regions in the Mediterranean: Spain, Tunisia, Italy and Turkey.



### Country Factsheets to understand poultry farming in the Mediterranean

Four comprehensive factsheets detailing countries, poultry breeds, and results obtained from the pilot studies conducted in Turkey, Spain, Italy, and Tunisia.

[\[Find out more\]](#)



### Guidelines for smallholders to adopt sustainable poultry feed strategies

A guide to reduce smallholders’ dependence on imported feed and adopt alternative poultry diets with local agricultural byproducts and insect-based protein sources.

[\[Find out more\]](#)



Here, you'll find a curated collection of scientific articles published by our project partners. Dive into thought-provoking reads and explore engaging content related to sustainable poultry feeding. We believe that sharing knowledge and valuable resources is crucial in our collective journey towards a more sustainable future.

Happy reading!



### Sustainable Alternatives to Soy-Based Feed in Chickens Diets

Intensive soybean cultivation is associated with large-scale deforestation, especially in South America, where vast areas of forest have been cleared for this precise reason. The consequences include the loss of biodiversity, climate change, and the disappearance of small-scale farming.

Given these challenges, **the role of soy in animal nutrition needs to be re-evaluated** in favor of more sustainable and environment-friendly alternative protein sources.

[\[Read the study\]](#)



### Chicken feed impact on meat quality

This study assessed the impact of introducing whole dehydrated and live black soldier fly larvae (BSFL) into the diet of an indigenous chicken breed as environmental enrichment analyzing a total of 144 39-day-old male Bianca di Saluzzo chickens.

[\[Read the study\]](#)



### Chicken feed impact on meat quality

The study focused on the analysis of volatile compounds in cooked and raw chicken samples fed with different types of chicken: traditional, alternative diet, a diet with the addition of live larvae, and a diet with the addition of dried larvae. The research, using an integrated approach, not only highlights the nutritional potential of insect meals but also demonstrates how innovative sensor technology can provide insights into food quality and flavor development.

[\[Read the study\]](#)

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If you want to have more info about the project, write to [info@sustavianfeed.eu](mailto:info@sustavianfeed.eu)

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Partners

