About Protein4Impact

Protein4Impact is an EU funded research and innovation project developing and evaluating alternative protein sources that can reduce environmental impact and improve waste management at the same time being nutritive and highly accepted.

Coordinated by CentráleSupelec (Université Paris-Saclay) and implemented by a diverse consortium of 18 excellent partners from 13 EU Member States.

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Protein4Impact:
Redefining Protein:
Sustainable, Nutritious, Scalable

Get in touch with Protein4Impact!

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protein4impact

Shaping the Future of Sustainable Proteins

Scientifically / Systematically / Sustainably

protein4impact.eu

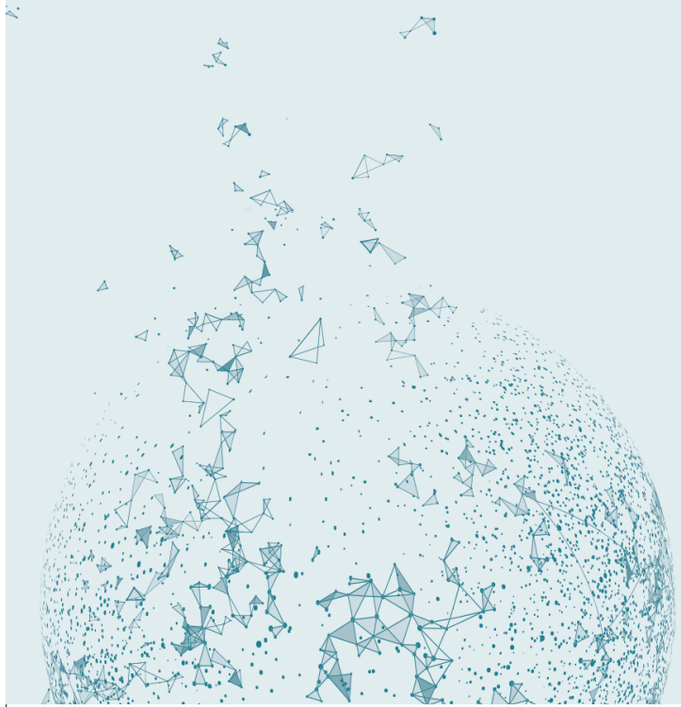


The Challenge:
Viable New Sources of Food Proteins for Europe

Europe needs to transition **toward healthier, more sustainable diets.** A sustainable food system must:

- protect the environment,
- provide nutritious food,
- support social values and public health,
- increase the resilience of the European food system.

Protein4Impact develops alternative protein sources for food applications, evaluating their potential benefits, risks and trade-offs supporting Europe's transition to sustainable nutrition.



How Protein4Impact Works

Protein4Impact explores sustainable proteins from fungi, algae, insects, bacteria and food by products.

To turn these sources into real solutions, Protein4Impact works across four essential dimensions:

Improving protein quality

by optimising functional, sensory and nutritional properties for real food applications.

Modelling production at scale

by using digital simulation tools to assess industrial feasibility across regions.

Understanding consumer acceptance

by studying attitudes and behavioural factors that shape willingness to adopt alternative proteins.

Assessing system-wide impacts

by identifying risks, trade-offs and opportunities for sustainable and healthy diets across Europe.

What Protein4Impact Delivers

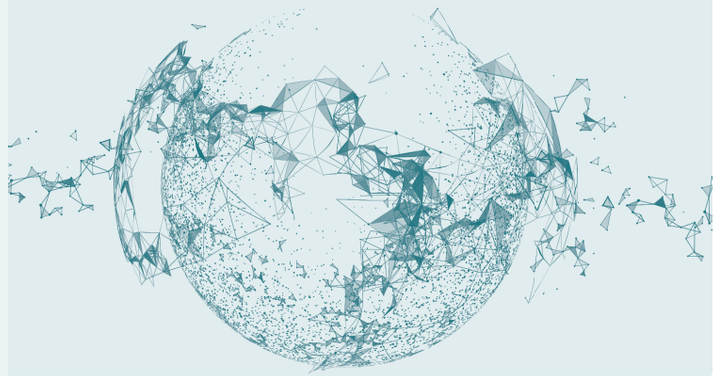
Sustainable proteins from by-products
Turning low value materials into high quality protein ingredients.

High quality protein ingredients for food and feed products
Improving functionality, flavour and nutrition of alternative proteins.

Better resource efficiency
Digital tools for environmental, economic and social impact assessment.

Consumer acceptance of sustainable proteins
Understanding behavioural factors that shape willingness to adopt sustainable proteins.

Together, these advances contribute to lower emissions and a more circular food system.



Find out more about Protein4Impact at
protein4impact.eu