

Why Microalgae?

Microalgae are trending
novel proteins with
an array of benefits:

Future-proof food systems
depend on alternative
proteins that are more
environmentally responsible,
healthy and nutritious.

Microalgae have the potential
to support the world's protein
supply while creating a more
sustainable and competitive
agri-food industry.

ProFuture is a European-funded
research project focused on
boosting the production and
use of microalgae protein-rich
ingredients in food and feed..

Rich nutritional value

- High-quality proteins.
- Polyunsaturated fatty acids.
- Bioactive compounds.

Low ecological footprint

- Need few natural resources to grow.
- Can help reduce pollution by capturing CO₂.

Fast and efficient growth

- 4-15 times higher production rates than other plant crops.

In a nutshell, ProFuture aims to:



Make microalgae
cultivation more efficient,
sustainable and affordable.



Improve the production
of protein-rich ingredients
from microalgae biomasses.



Create nutritious and tasty
foods and feeds using
microalgae proteins.



Scale up production and
seize the market for
microalgae-based foods
and feeds.

ProFuture

The project follows a multilevel
strategy from a lab to large
scale, where 31 partners are
working together to optimise
the microalgae supply chain
from cultivation to plate.

