

POTENTIAL MARKETS



FOOD AND NUTRACEUTICALS

High-quality protein ingredients, rich in functional biomolecules and very competitive in a growing market.



AQUACULTURE

High nutritional value ingredients able to meet the high demand for new raw materials.



We offer an innovative, sustainable and safe technological solution, replicable to any European scenario, and the capacity to develop a turnkey production plan

CONTACT

 David San Martín

 dsanmartin@azti.es

 lifebrewery.azti.es

 @life_brewery



The LIFE BREWERY project has received funding from the LIFE Programme of the European Union

lifebrewery



Riera Nadeu 



Generalitat de Catalunya
Departament d'Agricultura,
Ramaderia i Pesca



A technological solution that turns beer by-product into a business opportunity based on a circular economy concept.



TECHNOLOGICAL SOLUTION

An **enzymatic hydrolysis** allows to obtain at the same time high value compounds for human food and a new and more digestible ingredient for aquaculture feed, giving a high value to the beer by-products.

The **stabilisation step** combines highly efficient technologies to ensure nutritional quality and safety, while guaranteeing the economic viability of the ingredients obtained.

FEATURES

1

INNOVATIVE AND SAFE

- ☐ Demonstrated process on at semi-industrial scale.
- ☐ Suitable ingredients for food and feed.
- ☐ Validated products in their final applications.

2

FLEXIBLE

- ☐ Replicable to any European region.
- ☐ Adaptable to different scenarios.

3

SUSTAINABLE

- ☐ Circular economy based solution.
- ☐ Eco-designed process and production plant.

4

HIGH EFFICIENCY

- ☐ Optimized energy consumption.
- ☐ Adaptable to any renewable energy source.

5

CONSORTIUM CAPACITIES

- ☐ Customized solution.
- ☐ In-house technology.
- ☐ Detailed engineering.
- ☐ Turnkey solution.

life**brewery**

