



Designation of the project | **PROJETOS DE I&DT EMPRESAS EM COPROMOÇÃO**

Code of the project | **POCI-01-0247-FEDER-017638**

MOREPEP – Valorization of animal by-products with the development of valuable and sustainable peptides

Main objective | **OT1 - Strengthening research, technological development and innovation**

Region of intervention | **NORTH and ALENTEJO**

Beneficiary |

Lead Promoter: **ITS – Indústria de Transformação de SubProdutos, S.A.**

Copromotors: **SEBOL - COMÉRCIO E INDÚSTRIA DE SEBO S.A.**

UNIVERSIDADE CATÓLICA PORTUGUESA.

Date of approval | **02-01-2017**

Start date | **01-12-2016**

End date | **30-11-2019**

Total eligible cost | **880.364,02 EUR**

Financial support from the European Union | **FEDER – 547.763,48 EUR**

Project objectives:

ITS and SEBOL process animal by-products in feed and energy products. However, the need for innovation, market expansion and diversification promoted the creation of the R&D Department in 2015. This project guarantees the conditions to investigate and maximize the value of by-products, investigate new solutions to promote more value in animal feed and expand the markets for high impact industries like food, nutraceuticals and cosmetics.

In this sense, based on the by-products that are processed by ITS and SEBOL and the knowledge acquired in this consortium, the R&D lines that have been defined in this project focus on the development of new products based on enzymatic hydrolysis of proteins obtained from by-products of meat/bone, fish and blood, and its nutritional, nutraceutical, and cosmetic potential.

R&D, involving logistics and stabilization and pre-processing of raw materials, selection and development of suitable enzymes, and the conditions of hydrolysis, purification and characterization of peptide extracts will be achieved by the consortium ITS, SEBOL and ESB-UCP. The ITS company will absorb the results and develop procedures to endogenize the procedures and simulate the characteristics of the pilot scale for the products obtained.

This research and pilot activity will culminate in high-value results that will enable the consortium partners in this project to expand the value of their current products, expand their business to new areas and create growth conditions, especially in international markets in a competitive and scientifically supported manner.