

Lisb@20²⁰

PORTUGAL
2020



UNIÃO EUROPEIA

Fundo Europeu
de Desenvolvimento Regional

Project designation | MICROSUÍNO; Microalgae valorization for the production of swine's and improvement of the quality of their meat based on a new generation of commercial enzymes.

Project code | LISBOA-01-0247-FEDER-003399

Main aim | OT1 - Strengthening research, technological development and innovation

Intervention region | NUTS II Lisboa

Beneficiary entity | NZYTech, Lda.

Approval date | 08-03-2016

Start date | 01-04-2016

End date | 01-04-2019

Total eligible cost | 839.651,50 EUR

European Union financial support | FEDER - 335.860,60 EUR

Scope | The project aims to develop a rational combination of modular Carbohydrate-Active enZymes (CAZymes) for the degradation of recalcitrant microalgae cell walls, in order to maximize their nutritional value for swine feeding and improvement of pork quality. Additionally, will be developed an enzymatic preparation for post-weaning piglets (for *Spirulina* deconstruction, high content of proteins and low content of lipids) and another for finishing pigs (for *Isochrysis galbana* degradation, high content of lipids and low content of proteins).