

# D1.1 “Identification of hurdles and bottlenecks”

## Summary

Partner involved: AZTI – NTUA – HU  
March 2022

### **Alternative feed value chains appraisal through a multi-actor approach.**

A diagnosis of the current generation and management of the three value chains (grape stems, orange peels & olive cake) and their potential as secondary raw materials for animal feed (dairy ruminants & poultry) has been performed to assess their potential establishment through a multi-actor approach. The analysis of *Current situation*, the contrast of *Potential solutions*, their *Influence with stakeholders and the consumer awareness* and, finally, an analysis of the *Hurdles and bottlenecks* of these 3 specific whole value chains (from raw materials to consumers) has been studied to enable the enhancement of food by-products as secondary feedstuffs for animal feed.

The main concerns related to the food industries are the seasonality of raw materials, the storage and management of by-products and the commercialization of new products. In the case of logistics operators, they are concerned about the separation of by-products in production lines and storage. The feed industry considers that the integration of by-products in the feed formula is becoming more and more widespread, mainly due to the interest in reducing costs. However, they consider that it is necessary to improve in the continuous availability of new ingredients over time and the apprehension of the partners to the incorporation of new products. The livestock sector adds aspects such as price, nutritional value, consumer acceptance, supply guarantees, food safety and sustainability.