

SEALAND

Producing advanced bio-based
fertilizers from fisheries wastes

4
YEARS

26
PARTNERS

11
COUNTRIES

+8.8 M€

9 TECHNOLOGIES **IN** **7** DEMONSTRATION PILOTS **IN**
6 REPRESENTATIVE AREAS OF THE EUROPEAN FISHERIES SECTOR
(North, Baltic, Atlantic, Cantabrian, Mediterranean and Adriatic)



OBJECTIVES



Improve and adapt nutrient recovery technologies to produce bio-based fertilisers [BBF] from the processing of fish and aquaculture by-products.



Promote large-scale fertiliser production in the EU from home-grown raw materials, based on the circular economy model, transforming by-products into nutrients for crops.



Contribute to the independence and security of supply of nutrients to European agriculture, reducing the nutrient imbalance in Europe.

SUMMARY

The basis of the project is the regional production of BBFs by developing demonstration pilots that can be replicated across Europe, boosting local growth. The project proposes the implementation of **9 technologies in 7 cases in 6 representative areas of the fisheries sector** (North, Baltic, Atlantic, Cantabrian, Mediterranean, Adriatic Sea). The technologies will be applied to different by-products, and they will produce several BBFs either for local crops and conditions, and others for exporting.

Besides, the effects on **soil biodiversity, environmental sustainability and the impact on social parameters and local economy** will be studied and business plans will be defined. Finally BBFs from by-products will serve to partially replace imported nutrients for agriculture in Europe, contributing to reduce the negative environmental effects of the misuse of by-products.



www.sea2landproject.eu



Sea2land-h2020



Sea2land h2020-EU



@Sea2land