PRACTICE ABSTRACT NO. 10

SWOT analysis – Atlantic sea

Main results / outcomes

The **Atlantic sea pilot** located in France will develop an innovative combination of technologies to transform fish sludge into bio-based fertilizers. France is the largest harvester of cereals, root crops and oilseeds in the EU. In 2018, France produced 0.8 million tonnes of fish, 35% of the value came from aquaculture and 64% from fisheries, also France is the third-largest fish and seafood market in Europe. **The SWOT analysis** gave an overview of internal and external factors for Atlantic Sea pilot case.

Practical recommendations

The main **strengths** include creating new products that are of interest for the fish processor, improving economy, quality of life and overall sustainability on a local level, minimizing GHG emissions and waste volume, preserving soil diversity, short transportation and development of innovative technology. **Weaknesses** include high investment of technology implementation, logistic difficulties including planning, operation control, space requirement and possibility of lower quality of end-products due to operation difficulties and nutrient imbalances. **Opportunities** include waste reduction, green job creation, generation of income from waste, increasing prices of non-renewable materials in creation of mineral fertilizers, efforts and incentives by EU to support circular economy. **Threats** challenging legislations and policies on EU and national level, limited knowledge of technology and product sustainability, high market cost and EU dependency on imported nutrients.

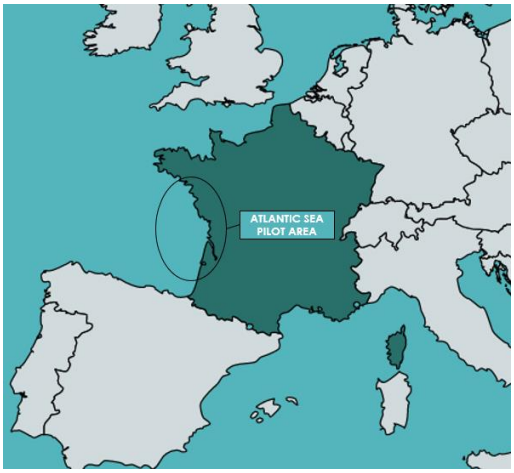

Figure 1: Atlantic sea piot area

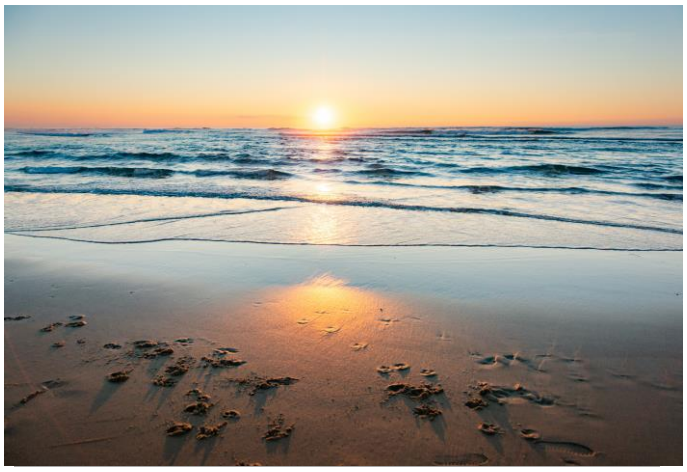

Figure 2: Atlantic sea (source: freepik.com)

Further information

The Atlantic Sea Area case - https://sea2landproject.eu/the-atlantic-area/

About this abstract

Authors: IPS Konzalting d.o.o. za poslovne usluge
Date: June 2022

SEA2LAND project is a collaborative Innovation Action(IA) funded by the EU in the frame of the Horizon 2020 programme. The project aims to provide solutions to help overcome challenges related to food production, climate change and waste reuse. Based on the circular economy model, SEA2LAND promotes the production of large-scale fertilisers in the EU from own raw materials. This solution is expected to reduce the soil nutrient imbalance in Europe.
The project is running from January 2021 to December 2024.
Website: www.sea2landproject.eu

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PRACTICE ABSTRACT NO. 10

SWOT analiza – Atlantsko more

Glavni rezultati/ishodi

Atlantski pilot lociran u Francuskoj će razviti inovativne kombinacije tehnologija kako bi proizveli biognojiva iz ribljeg mulja. Francuska je najveći proizvođač žitarica, gomoljastog povrća i uljarica u EU. U 2018 godini, Francuska je proizvela 0.8 milijuna tona ribe, 35% vrijednosti je iz akvakulture, a 64% vrijednosti je došlo iz ribarstva. Također Francuska ima treće najveće tržište ribe i morskih plodova od zemalja EU. **SWOT analiza** daje pregled unutarnjih i vanjskih čimbenika koji utječu na Atlantski pilot.

Praktične preporuke

Glavne identificirane **snage** uključuju proizvodnju novih proizvoda koji su od interesa za prerađivače ribe, pozitivan učinak na ekonomiju, kvalitetu života i održivosti na lokalnoj razini, smanjujuću emisije stakleničkih plinova i količine otpada, očuvanje raznolikosti tla, kratka transportna udaljenost i razvoj inovativnih tehnologija. **Slabosti** uključuju visoka ulaganja u implementaciju tehnologija, poteškoće planiranja, proizvodnje i operacija, zahtjevi za prostorom i mogućnost proizvodnje proizvoda niže kvalitete zbog problema u proizvodnji i debalansi hraniva. **Prilike** uključuju smanjenje količine otpada, otvaranje novih radnih mjesta, zarada nastala oporabom otada, rast cijena neobnovljivih materijala korištenih za proizvodnju gnojiva, inicijative od strane EU za podupiranje kružne ekonomije. **Prijetnje** uključuju izazove za nacionalne i EU regulative, ograničena znanje vezanih za tehnologije i održivost dobivenih proizvoda i ovisnost EU o uvozu hraniva.

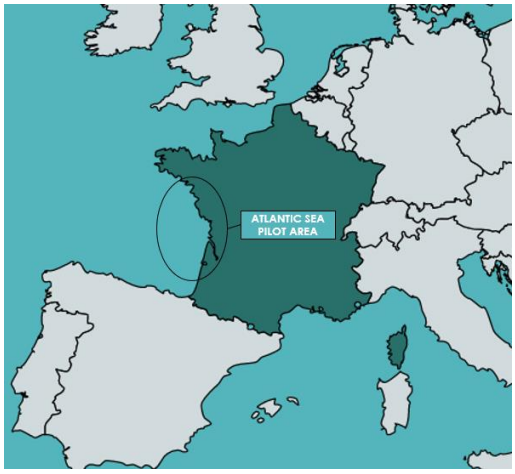

Fig 1: Atlantsko pilot područje

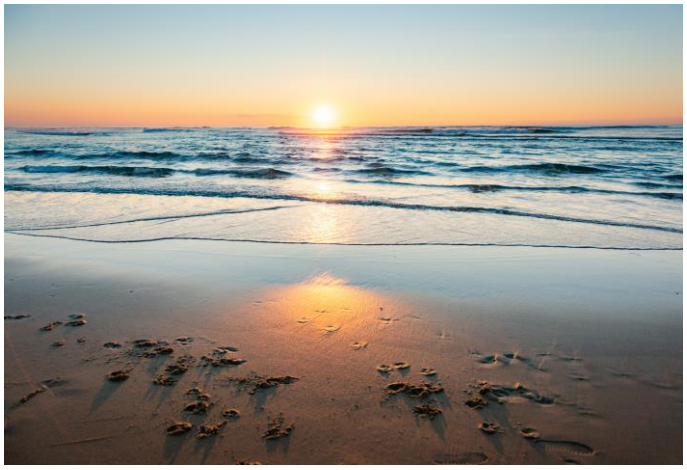

Fig 2: Atlansko more (source: freepik.com)

Dodatne informacije

The Atlantic Sea Area case - https://sea2landproject.eu/the-atlantic-area/

O ovom sažetku

Autori: IPS Konzalting d.o.o. za poslovne usluge
Datum: Lipanj 2022.
SEA2LAND je projekt u sklopu Inovacijske aktivnosti (IA) financiran od strane EU u sklopu Obzor 2020 programa. Cilj projekta je pružiti rješenja koja će pomoći u savladavanju izazova povezanih s proizvodnjom hrane, klimatskim promjenama i oporabom otpada. Na temelju modela kružne ekonomije, SEA2LAND promiče proizvodnju gnojiva u EU iz vlastitih sirovina. Očekivano je da će ovo rješenje smanjiti neuravnoteženost hranivih tvari u tlu.
Projekt traje od siječnja 2021. do prosinca 2024.
Web stranica: www.sea2landproject.eu

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