



# SEAMARK DELIVERABLE 5.1: DEVELOPMENT PLAN FOR CO-EXTRACTION

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Public summary of  
confidential report

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## Summary:

This document describes the roadmap considered to co-extract fucoidans and green alginates. The challenge is to modify the current industrial alginate process (using chemicals) to find the best compromise between yields (for both fucoidans and alginates) and product characteristics (colour and rheological properties). To date, two different steps of the process had been identified for modification: solid/liquid separation and alginic acid purification. Moreover, work will be done on fucoidan extraction, which will probably be part of the alginate extraction process to better valorise the biomass and reduce waste production.

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### Work Package / Task:

*WP5 / T5.1 Co-extraction of fucoidans and alginates*

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