



life conquer



Funded by the European Commission's LIFE Program, the LIFE CONQUER Project aims to sustainably utilize byproducts from the fish processing industry, specifically salmon offcuts, known as unused residual raw material (RRM). The project focuses on producing salmon peptides and oil from these byproducts, with the goal of incorporating them as nutritional ingredients for broader human consumption. Discover the key results achieved so far by reading the fourth issue of the project newsletter!

WP 1. PROJECT MANAGEMENT, COORDINATION AND RISK MANAGEMENT

We applied for an amendment to the project, and this was accepted in May. It concerns the following changes:

1. Addition of a new affiliate – Biomega Group AS
2. Change of the project duration – extension of the project period with 18 months, new project completion date is Feb 2027.
3. Change of the Annex 2 (due to the addition of the new affiliate and full costs reporting for equipment instead of depreciation)

During the spring/ early summer we have prepared the 18 months mid-term reporting, which was delivered end June, and accepted end August.

WP2. NEW AND INNOVATIVE INBOUND LOGISTICS FOR RAW MATERIAL

We have had a physical meeting with our partner Vega Salmon in Handewitt and planned in detail the first bulk transport test with salmon rest raw materials from Vega Salmon to the Biomega Denmark biorefinery. The first bulk test was conducted in July. Results are under evaluation, and lessons learned will be used in the planning of the coming bulk tests.

WP3. SOLUTION FOR EXTRACTING PROTEIN FROM BONES

This spring/ early summer we have run a series of laboratory tests, to fill in knowledge gaps for designing the production line. These tests were performed by the commercial research facility at Nofima (Bergen, Norway). Both laboratory and pilot scale tests have been performed. Currently, we are evaluating results from these tests, and the results are important for further design and choice of equipment to the production line.

WP8. SUSTAINABILITY, REPLICATION, AND EXPLOITATION OF PROJECT RESULTS

A first test with white fish rest-raw material has been performed at the Biomega Denmark biorefinery. The purpose of this first test was to verify that we were able to handle the raw material and get it minced and run into the biorefinery. After some initial challenges, and some adjustment, the operation of hydrolysing the whitefish rest-raw materials ran smoothly. Thus, we have demonstrated that the biorefinery can run whitefish.


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Co-funded by
the European Union

Funded by the European Union under Grant Agreement No. 101074400 LIFE21-ENV-DK-LIFE CONQUER. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.