

SAFE

**Bilateral initiative Bilateral cooperation in the field
of Sustainable upcycling of by-products in the fields
of Aquaculture and Fisheries**



Iceland
Liechtenstein
Norway grants

Norway
grants

Aim: To strengthen cooperation between the Republic of Croatia and the Kingdom of Norway in the sphere of aquaculture and fisheries, with special emphasis on the sustainable management of fishery by-products

Duration: 12 months

Budget: 98.071,00 EUR, 100% financed

Partners:

Zadar County, Administrative Department for Agriculture, Fisheries and EU Funds (Croatia),

Ministry of Agriculture, Fisheries Directorate (Croatia),

University of Zagreb Faculty of Agriculture (Croatia)

SINTEF Ocean AS, Research Institute (Norway)

Nofima AS, Norwegian Institute of Food, Fisheries and Aquaculture Research (Norway)



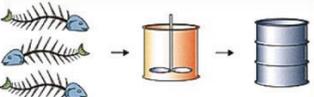
Zadarska
županija



Objective: To define optimal utilization of unwanted catches from the Adriatic Sea in Croatia ensuring sustainable upcycling processes that benefit both the environment and the industry.

Silage

Raw material + formic acid
+ time




Fish meal process

Raw material + cooking
+ pressing





Smell Type	Intensity (0-9)
Total smell	9
Sourness smell	6
Trimethylamine smell	3
Pungent smell	2
Fermented smell	1
Fish smell	1
Process smell	1
Rancid smell	1

Enzymatic hydrolysis

Raw material + enzyme
+ cooking/inactivation +
separation




Transforming unwanted catches from the Adriatic Sea into valuable products through innovative and sustainable upcycling.

SAFE KEY MESSAGES

Pioneers in the sustainable fishery by-product management in Croatia in collaboration with Norwegian expertise

From discard to value: paving the way for sustainable and competitive fishery by-products."

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A GREEN, COMPETITIVE AND INCLUSIVE EUROPE**

-  <https://www.zadarska-zupanija.hr/eu-projekti/medunarodni-eu-projekti>
-  <https://eeagrants.org/>
-  <https://eeagrants.hr/bilateralna-suradnja/>

Fund for Bilateral Relations of European Economic Area Financial Mechanism and Norwegian
Financial Mechanism for the period 2014.-2021.
(EEA Grants and Norway Grants)